

BUILDING MATERIAL

CHICAGO HOUSE WRECKING CO.



40
Acres of
Bargains

The Price Wrecker

LUMBER MILL WORK

PLUMBING | ROOFING
HEATING | PAINT
HARDWARE | STRUCTURAL IRON

CAPITAL STOCK \$10,000,000.00

HARRIS BROTHERS CO.

OWNERS
CHICAGO

Our Binding Guarantee Protects You Absolutely

Entire Satisfaction We guarantee absolute and complete satisfaction. There is no half way about this guarantee. Every purchase you make from us will be exactly as represented and you will be satisfied in every way, or we will make such just amends as are within our power.

No Misrepresentation Every article is described with the intention of giving you the plain, absolute facts. We have no desire or intentions of overdrawn facts, or playing upon your imagination.

Our business is of a vast and varied character—so many different departments are represented; so much merchandise is offered for sale, that the utmost care is exercised, so that each and every article be described in such a manner as not to cause you any dissatisfaction when you receive it.

Your Money Refunded If you buy any new goods from us and they are not satisfactory to you in every way and manner we will either take back such unsatisfactory merchandise and refund the full purchase price, or at your option we will make satisfactory adjustment, or will send you other goods equal to our representations to take the place of them. The only condition we make is, that within 10 days after receipt of unsatisfactory merchandise you notify us.

We Guard Your Interests We realize that there are some goods, the unsatisfactory nature of which would not develop within 10 days' limit, and we will take all this into consideration in the adjustment of complaints.

The only exception we make in accepting the return of merchandise is, that no article is to be returned to us that has been used or damaged through carelessness or abuse, excessive handling or neglect. Also that it would be unjust to expect us to take back goods specially manufactured, that have been made according to instructions, such as millwork and the like.

We will faithfully guard your interests at all times and you will have no cause for complaint when you deal with us.

Confidence We want at all times to enjoy your fullest confidence and we will gain it by giving you an honest, square deal. Bear that in mind always and we are sure we will get to know one another much better.

Fair Treatment Realize that you are not dealing with a corporation when you buy goods from us. This business is owned by four brothers viz:—A. Harris, F. Harris, S. H. Harris and D. C. Harris each of whom takes a deep and active interest in this business and guards the welfare of each and every customer. Our aim is to treat each customer as though we had but one customer to deal with. We are anxious to maintain a strictly personal relationship with our customers. You are at liberty at any time to address individually any of the Harris Brothers.

Don't Hesitate You can purchase with absolute confidence and without hesitation or fear, knowing full well that every dollar's worth of new goods shipped you is covered by a guarantee so binding that no possibility of evasion exists for us. If the goods are not satisfactory we will take them back under the conditions mentioned on this page. Nothing can be fairer and we mean every word we have said.

Write Us If within 10 days after receipt of your goods you find anything contrary to our representations or not satisfactory, write us the facts in the case. If you positively cannot use the merchandise in question, ask for instructions for its return and we will furnish you with such necessary shipping instructions. Immediately upon the receipt of the goods in question your money will be refunded in full, or the articles will be exchanged for you, subject to your pleasure in the matter.



Our Capital Stock is \$10,000,000.00

Ask Any Commercial Agency—Ask Any Publisher of Any Paper Anywhere—Ask Any Bank or Banker—Ask Any Express Company

HARRIS BROTHERS COMPANY are the owners of the CHICAGO HOUSE WRECKING COMPANY who are incorporated and have been in business over 23 years. Ask any Commercial Agency—Ask any publisher of any paper—Ask any Bank or Banker—Ask any Express Company. They all know this Company.

HARRIS BROTHERS COMPANY have a capital of \$10,000,000. Our responsibility is unquestioned.

HARRIS BROTHERS COMPANY

OWNERS OF
CHICAGO HOUSE WRECKING COMPANY

"The Great Price Wreckers"



FOR 24 years our Company has been well and favorably known. In all these years we have studied to build up a clientele of satisfied customers—greater probably than that of any other organization on earth. Our knowledge of the needs of the public in the building material line in fact is so superior and greater that we can say unquestionably that here now is the real opportunity for purchasing building supplies.

Our Building Material Department is managed by able, experienced men of mature years, whose experience in building materials of all kinds is unquestionably of great value to you.

Here at Chicago we conduct a lumber yard and a millwork plant handling BRAND NEW material exclusively and can supply complete from one spot each and every article required to build, construct or improve. The proof of this fact is in the seeing thereof and therefore you are cordially invited to visit our enormous institution at 35th and Iron Sts., in Chicago, any time at your convenience, and be convinced of the fact that our ability to supply you with high-grade building products and with everything required to build at one time and from one place is superior to any one else's.

In our particular field we absolutely recognize no competition. We do not mean to say that we are giving our goods away, but on the contrary, we are asking a fair margin of profit between our cost and the price at which the merchandise is delivered to you. You may depend upon courteous, honest and upright dealings at every turn. We have nothing to guard, nothing to conceal. We have but one honest aim and that is to satisfy you and to continue to serve you satisfactorily.

Our greatest assets are in our satisfied customers and friends and once you deal with us you will go forth a walking advertisement and will herald to others the satisfaction obtained in your dealings with this company. You will find when you purchase from us, you are not dealing with a cold-blooded corporation but with an organization where ability and brains are combined to render you most efficient service.

Ask us questions, show us how we may improve ourselves in our dealings with you. We are open to criticism and have much to learn before we reach the mark of complete building knowledge.

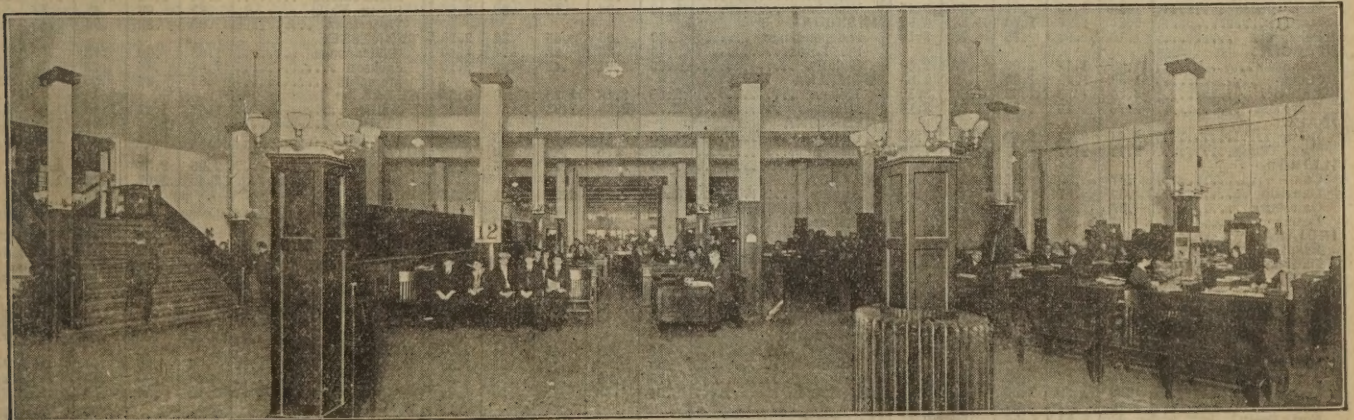
We want you to bear in mind that the Catalog presented herewith contains but a portion of the building supplies that we are in a position to furnish you. There isn't a single manufactured article but what we can supply you and we refer more particularly to your wants in millwork and kindred lines. If you need items that this book fails to supply, advise us. We certainly can furnish you anything that you can buy elsewhere and we can guarantee you a lower price or at least equally as low a price. At the same time, material will be superior without a doubt to what you would obtain elsewhere.

In the following pages we speak about the extent of our institution and our ability to satisfy your wants in other lines. Read these pages, they are interesting and profitable reading. Our business embraces every known product. We can furnish you practically everything—from a needle to a locomotive. We issue other literature and a complete Catalog—all of which is more fully set forth on the inside back cover page of this catalog.

If you have never dealt with us before, then we ask an opportunity to demonstrate our money-saving and service-serving ability. If you are an old customer it is needless for us to call your attention to these, but in any event we want you to give us an opportunity to deal with you when you require articles in our lines. Our absolute guarantee of satisfaction is your safeguard at all times.

Soliciting, then, the favor of your patronage, we are, Sincerely yours,

Harris Brothers Company



A Glimpse at the Entrance to Our General Offices

U. S. Freight and Express Charges to Every State

How to Compute Freight Charges

Look through the following list and get the classification in which your merchandise appears. Then refer to the table below and find the city in your state nearest you. The rate to that city will be found in the column headed with the freight classification in which your merchandise falls. The rate to your home town will be about the same, as the railroad companies base their rates on the largest cities.

Rates are based on the kind of merchandise to be carried, divided into four different classes, each taking different rates.

1st Class—Baby carriages, bath tubs, brass beds, bedding, carpets, chiffoiniers, clothing, clocks, couches, dry goods, incubators, mirrors, rugs, sewing machines, sporting goods, tents, toys, linoleums, trunks, washing machines, shoes, desks, harness, etc.

2nd Class—Iron or wood beds, vacuum cleaners, dining tables, granite ware, scales, wringers, refrigerators, hardware, plumbing material, woodenware, etc.

3rd Class—Iron basins, bells, fencing, grates, radiators, safes, stoves, tent poles, and vault doors.

4th Class—Anvils, steel rails, roofing, most groceries and structural iron.

A few articles, especially bulky articles of lightweight, such as reed rockers, take higher than first class rates.

A FEW MINUTES' CAREFUL STUDY of these pages will enable you to determine just how much any merchandise will cost you delivered to your hometown.

THE MOST ECONOMICAL WAY of shipping is by freight, but in order to get the full saving your order should be large enough to weigh 100 lbs. or more.

When no shipping instructions are given we usually ship the cheapest way. If there is very little difference between the freight and express, we give express the preference as it is the most speedy.

Shipments of only a few pounds weight are best sent by express or parcels post. Compare the express rates on this page with the parcels post rates on the preceding page. When ordering shipments by parcels post remember they must be prepaid. Shipments by express can be sent collect only if there is an express agent at your point.

Don't order small shipments if you wish to effect the greatest saving on transportation charges. If possible, increase your order to 100 pounds or more and have it shipped by freight. By looking through this catalog you will find many items you can use which will help increase your order to the above weight. Many of our customers club with their neighbors to secure the greatest saving.

Transportation charges are practically nothing, compared with the money saving we afford you. If you do not find this to be the case in every instance, notify us and we will see that you are not out a penny.

When goods are shipped by freight, the rate is the same, no matter what road they are sent over. Unless otherwise specified, our traffic department of experts routes all shipments so that they will reach you with the least delay.

EXPRESS RATES ON LESS THAN 100 POUNDS

In the table at the foot of the page you will find six columns, the last one being headed "Express per 100 pounds." Find your nearest city listed in the first column and see what the express rate is per 100 pounds. Then estimate the weight of the goods you are ordering. You can then find the express charges on a package of your approximate weight carried out into the column headed "rate per 100 pounds." If this table does not show your exact rate on 100 pounds, take the next highest rate, as the charges will not exceed that.

TABLE OF EXPRESS CHARGES BASED ON THE RATE PER HUNDRED POUNDS.

Rate per 100 lbs.	\$1.00	\$2.00	\$3.00	\$4.00	\$5.00	\$6.00	\$7.00	\$8.00	\$9.00	\$10.00	\$11.50
Shipment of 1 lbs.	.21	.22	.23	.24	.25	.26	.27	.28	.29	.30	.32
Shipment of 2 lbs.	.21	.24	.26	.28	.30	.31	.34	.36	.38	.40	.43
Shipment of 3 lbs.	.24	.29	.34	.39	.44	.49	.54	.59	.64	.69	.76
Shipment of 4 lbs.	.27	.33	.43	.58	.68	.77	.88	.98	1.08	1.18	1.33
Shipment of 5 lbs.	.31	.47	.62	.77	.92	1.06	1.22	1.37	1.52	1.67	1.89
Shipment of 6 lbs.	.35	.56	.76	.96	1.16	1.35	1.56	1.76	1.96	2.16	2.46
Shipment of 7 lbs.	.39	.65	.90	1.15	1.40	1.64	1.89	2.15	2.40	2.65	3.02
Shipment of 8 lbs.	.43	.74	1.04	1.34	1.64	1.92	2.24	2.54	2.84	3.14	3.59
Shipment of 9 lbs.	.46	.83	1.18	1.53	1.88	2.21	2.58	2.93	3.28	3.63	4.15
Shipment of 10 lbs.	.54	1.01	1.46	1.91	2.36	2.79	3.26	3.71	4.16	4.61	5.28

Table of Rates, Per 100 Pounds

City and State	1st Class Freight per 100 Lbs.	2nd Class Freight per 100 Lbs.	3rd Class Freight per 100 Lbs.	4th Class Freight per 100 Lbs.	Express per 100 Lbs.
ALABAMA					
Birmingham	\$1.14	\$0.99	\$0.80	\$0.62	\$2.40
Mobile	1.10	.90	.75	.58	2.95
Selma	1.33	1.17	1.00	.77	2.60
ARIZONA					
Prescott	2.90	2.51	2.09	1.75	7.60
Yuma	3.38	2.93	2.43	2.05	8.40
ARKANSAS					
Fort Smith	1.80	1.11	.87	.69	2.90
Little Rock	1.20	1.01	.77	.59	2.65
Texarkana	1.47	1.27	1.08	.92	3.15
CALIFORNIA					
Los Angeles	3.40	2.95	2.45	1.75	8.90
San Francisco	3.40	2.95	2.45	1.75	9.30
COLORADO					
Colorado Springs	1.80	1.45	1.10	.85	4.36
Denver	1.80	1.45	1.10	.85	4.20
Durango	3.20	2.70	2.15	1.60	5.90
CONNECTICUT					
To all points	.82	.71	.55	.39	2.50
DELAWARE					
Dover	.75	.65	.50	.35	2.30
Georgetown	.75	.65	.50	.35	2.45
D. C.					
Washington	.72	.62	.47	.32	2.25
FLORIDA					
Jacksonville	1.30	1.10	.97	.85	3.45
Miami	2.27	1.97	1.76	1.55	4.55
Pensacola	1.10	.90	.75	.58	3.10
GEORGIA					
Atlanta	1.33	1.17	1.00	.78	2.60
Macon	1.38	1.20	1.03	.80	2.85
Nashville	2.06	1.78	1.56	1.36	3.10
Waycross	1.70	1.16	1.29	1.05	3.15
IDAH0					
Boise	2.81	2.41	2.00	1.65	7.85
Twin Falls	2.77	2.37	1.97	1.62	7.40
ILLINOIS					
Cairo	.47	.38	.31	.24	1.50
Danville	.34	.27	.21	.17	.75
Galesburg	.37	.30	.23	.19	1.15
Peoria	.37	.29	.22	.18	1.00
INDIANA					
Evansville	.40	.34	.25	.17	1.25
Indianapolis	.32	.27	.22	.14	1.00
South Bend	.22	.20	.17	.14	.75
IOWA					
Des Moines	.60	.50	.40	.29	1.80
Dubuque	.38	.31	.24	.19	1.00
Sioux City	.80	.65	.45	.32	2.45
KANSAS					
Abilene	1.25	1.05	.80	.59	1.55
Dodge City	1.62	1.39	.85	.85	3.55
Emporia	1.16	.94	.68	.51	2.85
Fort Scott	.94	.81	.55	.37	2.45
Winfield	1.37	1.16	.91	.70	2.80
KENTUCKY					
Frankfort	\$0.61	\$0.52	\$0.41	\$0.31	\$1.40
Jackson	.74	.64	.55	.47	1.90
Louisville	.41	.35	.26	.18	1.25
LOUISIANA					
Lake Charles	1.60	1.34	1.10	.93	3.45
New Orleans	1.10	.90	.75	.58	3.10
Shreveport	1.45	1.24	1.07	.88	3.25
MAINE					
Bangor	.82	.71	.55	.39	2.95
MARYLAND					
Baltimore	.72	.62	.47	.32	2.25
MASSACHUSETTS					
Boston	.82	.71	.55	.39	2.50
MICHIGAN					
Detroit	.37	.32	.24	.16	1.25
Grand Rapids	.33	.29	.22	.15	1.00
Marquette	.60	.50	.37	.28	2.05
Sault Ste. Marie	.60	.50	.37	.28	2.45
MINNESOTA					
Albert Lea	.60	.50	.40	.25	1.85
Duluth	.65	.55	.44	.28	2.40
Minneapolis	.60	.50	.40	.25	2.00
Rochester	.57	.47	.37	.24	1.90
MISSISSIPPI					
Jackson	1.18	.99	.80	.67	2.65
Vicksburg	1.10	.90	.75	.58	2.65
MISSOURI					
Independence	.80	.65	.45	.32	2.10
St. Louis	.43	.35	.28	.22	1.40
Sedalia	.75	.61	.42	.29	2.10
MONTANA					
Helena	2.65	2.26	1.85	1.49	6.55
Missoula	2.75	2.35	1.93	1.57	6.40
NEBRASKA					
Chadron	1.85	1.57	1.30	1.03	3.75
Lincoln	.85	.70	.49	.36	2.45
North Platte	1.53	1.36	1.10	.85	3.40
NEVADA					
Austin	3.65	3.28	2.89	2.41	8.15
NEW HAMPSHIRE					
Concord	.82	.71	.55	.39	2.55
NEW JERSEY					
Belvidere	.75	.65	.50	.35	2.25
Toms River	.80	.70	.55	.40	2.40
NEW MEXICO					
Gallup	2.90	2.51	2.09	1.75	6.25
Santa Fe	2.32	2.10	1.80	1.52	4.75
Silver City	2.40	2.13	1.91	1.76	6.25
NEW YORK					
Albany	.72	.63	.48	.34	2.30
Buffalo	.45	.39	.30	.21	1.80
New York	.75	.65	.50	.35	2.40
Rochester	.56	.48	.37	.26	1.90
NORTH CAROLINA					
Raleigh	1.24	1.05	.84	.62	2.80
	1.17	1.01	.78	.56	2.95
NORTH DAKOTA					
Bismarck	\$1.60	\$1.35	\$1.07	\$0.76	\$3.65
Fargo	1.17	.99	.77	.54	2.90
Grand Forks	1.24	1.04	.83	.58	3.25
Williston	1.99	1.66	1.36	1.01	4.10
OHIO					
Bellefontaine	.37	.32	.24	.16	1.25
Cleveland	.41	.35	.26	.18	1.40
Columbus	.41	.35	.26	.18	1.50
OKLAHOMA					
Tulsa	1.35	1.20	.90	.70	2.80
OREGON					
Portland	3.40	2.95	2.45	2.07	8.85
PENNSYLVANIA					
Harrisburg	.72	.62	.47	.32	2.15
Philadelphia	.73	.63	.48	.33	2.30
Pittsburgh	.45	.39	.30	.21	1.70
RHODE ISLAND					
Providence	.82	.71	.55	.39	2.55
SOUTH CAROLINA					
Charleston	1.30	1.10	.97	.85	3.40
Greenville	1.40	1.24	1.06	.82	2.95
Sumter	1.42	1.24	1.06	.83	3.20
SOUTH DAKOTA					
Aberdeen	1.14	.95	.67	.50	3.15
Bellefourche	1.94	1.62	1.35	1.10	3.80
Sioux Falls	.83	.68	.47	.34	2.45
Watertown	.96	.88	.64	.45	2.75
TENNESSEE					
Chattanooga	1.05	.90	.75	.59	2.10
Jackson	1.03	.86	.73	.59	1.95
Memphis	.85	.65	.55	.43	2.10
TEXAS					
Dallas	1.67	1.41	1.16	1.06	3.70
El Paso	1.79	1.54	1.34	1.26	5.95
Houston	1.67	1.41	1.16	1.06	4.10
UTAH					
Marysville	2.95	2.55	2.18	1.83	7.30
Salt Lake City	2.45	2.07	1.72	1.39	6.60
VERMONT					
Bennington	.82	.71	.55	.39	2.30
VIRGINIA					
Marion	.84	.72	.55	.39	2.45
Richmond	.72	.62	.47	.32	2.60
WASHINGTON					
Seattle	3.40	2.95	2.45	2.07	8.60
Spokane	2.90	2.51	2.09	1.75	7.75
WEST VIRGINIA					
Charleston	.45	.39	.30	.21	1.85
Wheeling	.45	.39	.30	.21	1.60
WISCONSIN					
Ashland	.65	.55	.44	.28	2.25
Green Bay	.43	.36	.29	.20	1.45
Waukegan	.25	.20	.15	.12	.90
WYOMING					
Cheyenne	1.80	1.45	1.10	.85	4.15
Green River	2.45	2.07	1.72	1.39	5.80
Sheridan	2.50	2.09	1.69	1.38	4.70

Prepaid Prices on any Item Gladly Furnished on Request.

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago

General Terms, How to Order, Etc.

Terms Our terms are uniformly spot cash. That means we always require cash in part or in full with all orders. Do not take exception to this rule; it isn't intended as a slur on you; it's one of the means that enables us to undersell any competitor on earth. We never have losses. When we sell you any article the profit is exactly what we estimated. Not like mercantile houses who sell goods on time and have a certain percentage of loss each year. Even if you are prompt pay, you help to balance the loss they sustain from customers who fail to pay. We ask you to do nothing that we wouldn't do.

On all material quoted in this catalog we will ship C. O. D., provided a deposit of 25 per cent accompanies the order, balance C. O. D. There are, however, exceptions to this rule: for instance, if you live at a point where there is no Freight Agent we cannot ship C. O. D., but require all cash in advance. (More fully explained under heading of "Freight Rates.") Special terms are granted on carload orders for lumber. See page 9.

How To Order Make out your order so carefully—your meaning so plain—that we can't mistake it. This will save us both trouble later. Always write on one side of the sheet. Do not try to save paper. Write your name, town, county, state, R. F. D., or Post Office Box so plain that anyone can easily make it out. Whenever possible use our printed Order Blanks, which we are glad to furnish in any quantity you desire. If you use our Order Blank fill it out completely. You will find at the top we ask numerous questions; see that each one is properly answered. If you haven't an Order Blank handy then do this: Give us the number of the catalog from which you are making your selection. If the material has previously been quoted you by letter give us date of letter, initials of our correspondent and stenographer, which you will find at head of the letter. In all cases give us number of the article, catalog page and price per piece and extended. As nearly as you can add up the total of your order.

Advise us exactly how to ship the goods; by what Railroad Company, Boat Company or Express Company. Is there a freight agent at your shipping point? If not, your order must be paid in full and sufficient money sent to prepay freight charges. You can approximate the amount and if it is short we will advise you; if over we will send the difference to you promptly.

If we are sold out of any article you order, tell us if we may substitute as nearly as possible. Our sole object is to fill your order right. You can help us do it.

Keep a supply of our Order Blanks always on hand. Also ask for some of our Return Envelopes. If you have none handy when you order, be careful to write the correct address on the envelope.

Freight Prepaid Prices All quotations in this book are net cash, F. O. B. Cars, Chicago, unless otherwise stated, and not subject to any further discount, and all merchandise is offered subject to prior sale. On application we will quote freight prepaid prices on any article listed. Do not hesitate to ask us.

Shipping Facilities Our shipping facilities are unsurpassed. We are located on the most famous Railroad System in the world, namely, The Chicago Belt Line. We connect with every traffic line entering and leaving the city of Chicago. Railroad tracks run to all our warehouses and load direct from our shipping room, so that we can send a car from our shipping office right to your point, even though it be in California, without the necessity of having it reloaded. This means much to you!

We carefully pack and load all goods so that they will reach you in proper condition.

We employ automobile trucks in moving goods to all parts of the city, so that we are also in direct connection with steam boat lines and every other freight transportation.

Our Traffic Department experts are thoroughly efficient. They correctly solve all railroad matters for you. The routing of your goods is handled in a way to consume the least possible time from shipping point to destination.

We are also careful to protect you in the matter of freight rates. All goods are billed with that in view. Very often ignorance on this point entails a loss that could have been averted. Our province is to serve our customers' best interests at all times and under all conditions. You will appreciate this fact fully if you are a patron of ours.

In the shipment of lumber we take great pains to load so that the material can be handled easiest when it reaches destination. We are proud of our carloads of lumber.

As an indication of the vast extent of our traffic we have nine railroad tracks right in our plant with a capacity of 50 cars per day. But do not think we are only after carload orders; we relish the small ones as well as the big ones; "Great trees from little acorns grow."

Ask Us Questions We're here to answer questions. Don't hesitate to ask them. Over 100 stenographers and a large staff of correspondents are always ready to serve you.

We employ expert service men in every line. For instance, in the Constructing Department we have architects, draftsmen and structural iron engineers who are able to answer you on any point. In our Plumbing and Heating Department are expert engineers who have devoted their lives to the subject; they can probably tell you a great deal more than you could learn locally as to your particular needs. Even if we do not eventually secure your order we will be glad to lend you every co-operation; it's here for that purpose. We do not expect to sell everyone who writes us, but we will get the business if honest descriptions and prompt, efficient service count. Low prices and fair, square dealings are bound to win out, and the truth of this is to be seen in our wonderful institution. So whether you have bought from us or not, write us for information; ask us questions on any pertinent topic connected with the goods you need.

C. O. D. Shipments We urge you to avoid C. O. D. shipments. It is a constant cause of trouble to our customers and offers you no possible advantages. Our liberal, broad binding guarantee protects you so amply that you need have no hesitation in sending money in advance. If you send us more money than your order amounts to it will be returned. If you receive any article not satisfactory we will adjust it. Our capital stock and surplus is sufficient to make you safe.

When you order goods C. O. D. it means Cash on Delivery. Now, where goods are shipped by freight it necessitates our attaching Bill of Lading to a draft and drawing on you through some Bank; if there isn't a Bank it means we have got to draw through the express agent—we cannot draw through the freight agent. Please bear that in mind. Railroad Agents are not supposed to collect money in that way; it's either the Bank or the Express Company. There is expense attached to it every time. Neither Bank nor Express Companies work for nothing. That adds expense which is entirely unnecessary. The expense for the return of the money is paid by you.

Express Shipments When an order is received without specific instructions as to how shipment is to be made, we use our best judgment, always in the interest of our customer, and if it is less expensive to ship by express than by freight it will be shipped that way.

Shipments Direct from Factory Unless otherwise stated, we ship all articles in this catalog direct from our main warehouse at Chicago, but in some instances where the articles are too heavy or bulky so as to enable us to save our customers on freight charges and the cost of handling from the factory to our warehouses at Chicago, we ship direct from factory to our customers.

In some instances we purchase from manufacturers merchandise in large quantities. We also control the output of several factories. We therefore arrange to ship such stocks from the factories direct. Whenever this occurs in this catalog, it is brought to your attention. Therefore, be careful to observe that on goods shipped from the factory, the price is F. O. B. shipping point. This gives us an opportunity to sell goods at much lower prices than if they were to be shipped on to us to Chicago. We give our customers the benefit of this saving. This bears more especially on articles in the furniture and similar lines. There are also several general articles, such as tanks, scales and the like shown in various parts of this catalog, that are shipped from point of manufacture. On application we will quote these goods, freight prepaid, to destination.

Club Offers If it is possible for you to make up an order much added advantage. Perhaps you can get your neighbors to "club" in with you, thus enabling you to make up a large shipment. The necessary weight of a carload shipment is explained on page 5, covering "Freight Information." By shipping a carload we can send it through to destination without the railroad company ever touching the contents again; therefore would advise, whenever you can, to make up carload orders, even though it necessitates your clubbing together. We will load the goods in such a way that each order can easily be distinguished.

Delayed Shipments When you send us an order as you possibly can. Recollect it takes time for the order to reach our hands. Upon receipt of the order we send you an acknowledgment post card, giving you the number of your order and the date of its receipt here. Allow the natural amount of time to elapse from our receipt of your order in our hands until the Forwarding Company receives it; then if you think there is an unnatural delay drop us a card, giving us your order number, its date and the amount of your remittance and we will give you prompt advice in the matter.

Our Location—How to Reach Us

We are located on 35th Street, three miles from the center of the city and about 35 minutes ride by street car. Our plant is midway between Halsted St. and Ashland Ave. The 35th Street surface cars stop before our main entrance. We extend from 35th Street to 37th Street on the south and from Iron Street to Laflin Street on the west. Our place can be reached from the center of the city by any of the south bound cars. When you pay your fare ask the conductor for a transfer; get off at 35th Street and then travel west; or take the South Side Elevated train as far as 35th Street and then the surface street car directly to our place. Any conductor or policeman knows our location. We extend you a cordial invitation to visit us. It makes no difference whether you come with buying thought or whether out of mere curiosity; we want you to come. It's the best way we know of to advertise our business. No matter how elaborate our descriptions may be, or how graphic the story of our immensity, you fail to properly grasp the situation until you've been here, then you will exclaim with hundreds of thousands of past visitors, "We had no idea what an enormous institution you had."

Mistakes If in your dealings with us you are confronted with a mistake we ask you to be patient. Remember your own faults. We have yet to meet "that perfect man." It's only human to make mistakes. Show your manly nature by acting as you would like us to do if you had made the error. Write calmly the cold facts. Give us your order number, date of shipment, whether you paid for the merchandise, the date of your remittance, and do everything you can to make the transaction plain to us. Then tell us just what your grievance is in plain, everyday English. We promise you, that if you had any injustice done you, it will be promptly righted. That's the way we expect to hold your trade and that's the way we expect to increase our business. Your own good common sense will tell you that it is to our interest to hold your friendship and good will by the fairest and squarest of treatment at all times.

Now Is the Time to Build

HERE IS THE PLACE TO BUY!!

**We Are Pioneers in the "Direct-to-Consumer" Home Building Industry—
the Originators of the First Really Practical and Helpful Home
Building Plan—In Dealing Direct With Us You Reap
the Benefits of 23 Years' Experience**

WHEN it comes to building your home, you can't be too careful. Remember that you build but once, and what is **done** cannot be **undone**—a home is for a **lifetime**! Beware, then, of costly experiments that lead only to bitter disappointment and wasted dollars. The **only safe way**—the **sure method** of securing lasting satisfaction in home building—is to tie up to the concern that offers you the **strongest actual proof** of its ability to serve you **best**; not in mere words and claims, but in actual home-building deeds!

Talk is cheap. Sensational advertising is easily written. But, stick a pin right here, Friend: An ounce of **performance** is worth a **ton** of **"promise"**! So, don't be duped by freak building schemes and flashy offers, but dig right down under the grass roots and discover the **rock bottom facts** before you build. Sift all claims. Use your judgment. Get at the truth, the whole truth and nothing but the truth—then decide for yourself!

Build to Stay—"The Harris Way"

Build your home "The Harris Way" and you make every dollar of your home-building money bring you in the **utmost possible value**. "The Harris Way" is not a mushroom growth, but a positive, complete, accurate and economical building method that has ripened to perfection through a long series of years.

No theory—no experiment—no "guess work" about it! Just the "cream" of thoroughly seasoned results obtained by an organization of expert Architects and experienced practical Builders working together for one common end—**better home building at lower cost**! This wealth of experience is at our customers' command. It gives them a home-building service of unmatched merit, at a guaranteed saving.

Reasons For Dealing With Us

WE MAKE BIG CLAIMS—and we PROVE them! We have nothing to hide—nothing to keep back in the shadow—our methods are open and above-board; the deeper you dig, the better you please us. Your reasons for building "THE HARRIS WAY" are briefly these:

1—Most Complete Plan Book: Our \$10,000 Free Harris Home Book contains more and better designs than any other. It is the most complete and convincing Book of Plans ever issued. The proof is easy—in the Book itself! Write for it today.

2—Most Helpful Service: In sound counsel, practical advice and special architectural service, "THE HARRIS WAY" offers more real value—**FREE**—than any other home-building plan. Our Free Blue Print offer and Special Design Plan Service prove this claim. Get them!

3—Lowest Prices: "Money talks." The shortest cut to the proof of our claim of "Lowest Prices" is to compare Harris Home Prices with others. "Figures never lie." Send for our Plan Book, select any Home Design, write for our delivered prices; then judge!

4—Greatest Lumber Stocks: Again a matter of figures! What other Direct-to-Consumer Building Concerns claim to have—we really have—millions upon millions of feet of clean, up-to-grade, high-class, well-seasoned, correctly manufactured lumber constantly on hand for quick shipment? Mammoth stocks of millwork and our own manufacturing plants right here.

5—More Satisfied Customers: The **PROOF** of this "pudding" is in the list of names. In our Plan Book, alone, we give you over 100 names on one design alone. Thousands of others have built "THE HARRIS WAY," and have been satisfied as well.

6—Strongest Guarantee: Our Satisfaction Guarantee has stood the test of over 20 years' constant use. It is backed by \$10,000,000.00 Capital and is positive protection to every purchaser of Lumber and Material from us.

To Contractors and Carpenters

"THE HARRIS WAY" offers special inducements to Contractors, Carpenters and Builders who buy their own materials. We have many customers among this well-posted class of lumber and material buyers, who have written us of the very satisfactory way we have handled their orders, and the big money-saving we have made them. We invite investigation by Contractors and Carpenters everywhere. A single trial order will prove the big advantage in dealing with us. Write for **FREE HARRIS PLAN BOOK** and get our complete proposition.

Don't Wait For Higher Prices

Delay in building operations is apt to be costly. The reason for this is plain. Everybody knows in a general way, at least that with each year the forest products of our country are diminishing in volume, and as the supply decreases the natural tendency of prices is to increase. We are fortunately situated to control vast supplies of lumber, and with our own big manufacturing plants we can now make lower prices that may at no distant day be impossible, as the demand for Harris-Built Homes is growing by tremendous leaps and bounds.

So, the safest way is to build that home **NOW**—while you can be **absolutely sure** of a big worth-while saving mounting up into hundreds of dollars. If you have a town lot that is now vacant, or if you are thinking of putting up a new home, barn, or other building on the farm, you should by all means get in touch with us at once and learn how easily and cheaply you can "Build-To-Stay The Harris Way." Write for our \$10,000 Free Harris Plan Book and complete information today.

Shipping Facilities

Unlike practically all our competitors who ship Mill Work from one locality and Lumber from another (neither of the items coming from the plant from which they are advertised) the bulk of our Mill Work and Lumber is shipped right from our Chicago Plant, where you can come and see the material loaded and inspect it while you wait and make your own selection. Chicago shipments not only give you the benefit of the very lowest freight charges, but save you many frequent trips to the depots. Carpenters and contractors who have suffered experiences of this sort will appreciate this information and act accordingly—if they are wise.

Freight Charges

Freight charges are very reasonable, whether shipped in large or small quantities. Of course, carload freight is the cheapest way of shipping material. Do not listen to local "wiseacres" who claim to know everything about freight, etc. If you have any doubt whatever as to what material will cost you delivered at your station, write us, and we will name you a delivered price promptly, and thus there will be no guess-work.

Our Liberal Terms

Our established terms on less than carload orders are cash with order, and where it is at all convenient for a customer to remit in this way it will mean a saving in time and expense to him, as there will be no C. O. D. collection or return charges to be taken care of. If, however, you do not feel like sending remittance in full, you may send 25 per cent of the amount of order and material will be shipped C. O. D. for the balance.

No Money Down—On Carload Shipments

Where mill work or lumber is ordered in carload lots, we will ship without one cent down, and give 5 days' or more time to unload and inspect, provided our guarantee of payment blank is properly filled out. This method is all that can be asked by any fair-minded customer.

Write For Our Special DIRECT-TO-YOU Lumber Prices.

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago

LUMBER BARGAINS

Over 20 Million Feet Always Ready for Quick Shipment

Write Today for **Freight Paid Prices** Send Us Your Lumber Bill

3 BIG SHIPPING POINTS FOR LUMBER 3

CHICAGO: We have upwards of 10,000,000 feet of guaranteed, up-to-grade new lumber at all times ready for shipment at our mammoth 40-acre plant right here in Chicago. Orders for everything in Lumber promptly filled at lowest, wholesale Direct-To-Consumer Prices.

MISSISSIPPI: If you are located in the South—or even if you live in the North and can allow the difference in time, 1 to 2 weeks depending upon distance, as against shipments from Chicago—it will pay you a saving in freight and handling charges to let us ship direct from our complete new Lumber Manufacturing, Seasoning and Storage Plant at Jackson, Mississippi, described more fully below.

WASHINGTON: To our customers in the Western and Northwestern States we can ship direct from our WASHINGTON mill connections, Fir Timbers, Dimension Boards, Finish, Cedar Shingles, Siding, etc., etc.

**Acres of High-Grade
Millwork on Hand
at a Big Saving**

**All Ready to Build
"The Harris Way"**

**Cabinet Work
Mantels and Grates
Grilles
Colonnades**

**Side Boards
Buffets
Interior Columns
Book Cases**

**Hardwood Flooring
Casing and Baseboard
Inside Doors
Outside Doors**

**Window Casings
Door Casings
Patent Lath
Mouldings**

**Beaded Ceiling
Chair Rail
Picture Mould
Baluster Stock**

**Colonial Columns
Mirror Doors
Art Glass
Plate Glass
Etc., Etc., Etc.**

The World's Greatest Lumber Yards For "Direct-to-Consumer" Shipments

We are Leaders in Lumber! Our immense facilities for the purchase and marketing of lumber of every kind Direct-To-Consumer are unequalled by any other concern. At our Main 40-acre Plant, 35th and Iron Streets, Chicago, we have the largest, best equipped lumber yard of its kind in the world. From the heart of the great Central Manufacturing District, we ship thousands of cars of lumber and other material to customers in every part of America.

Acres of Lumber ready for your inspection. We invite Home Owners, Builders, Carpenters, Contractors and all others interested in building operations to visit our Plant at any time and see with their own eyes the unusual advantages we offer to the purchasers of Lumber and Building Material of every kind. Customers are urged to come right into our Yards and see their shipments loaded into the car. "Seeing is believing." Visit our plant and judge for yourself!

Our New Modern "Direct-to-You" Lumber Manufacturing Plant at Jackson, Miss.

This model up-to-date plant is mechanically complete in every labor-saving feature. It is equipped with the very latest improvements for increased efficiency and economy in the manufacture of lumber and millwork. It is located in the heart of one of the finest timber sections of the United States, and is easily reached by half a dozen railroads, thus effecting a substantial saving in freight and handling charges to our customers.

At our Jackson Plant, in addition to all kinds of Yellow Pine and Cypress Lumber, we also carry Soft Oregon Fir, Spruce and California Red Wood. Vast supplies of this Pacific Coast Lumber, formerly shipped by rail, can now be brought by water via the Panama Canal at greatly reduced carrying charges. Thus making it possible for our customers in Central and Eastern markets to get the benefit of these desirable woods at a great saving over the former high prices caused by excessive railroad rates.

Guaranteed Quality Lumber at Lowest "Direct-to-You" Prices

At our various yards we carry gigantic stocks of "everything in lumber," guaranteed high quality and strictly up-to-grade. No matter what your lumber needs may be, we can fill them at lowest prices ever made on similar goods. Here is the reason:

Our enormous volume of business—serving thousands on thousands of customers direct from our modern mills and yards—enables us to be content with a small fractional profit on each dollar's worth of business done. When you buy Lumber and Millwork from us, you save numerous in-between profits. We cut out the wholesaler, commission men, salesmen, and—BIGGEST OF ALL—the Trust Retail Dealers' Profit and expense! In our straight line, "Direct-To-You" shipments, there is no waste in labor, freight charges or time; and you keep ALL THE EXTRA "MIDDLEMAN'S" PROFITS IN YOUR OWN POCKET!

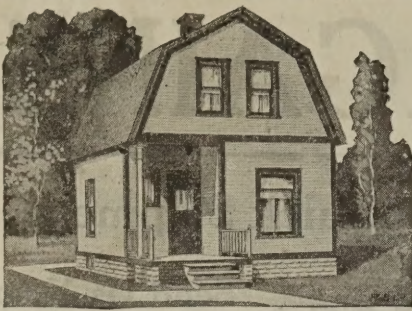
We Ship Subject to Inspection

We PROVE our confidence in the character and quality of our Lumber, Millwork and Material by our remarkably liberal offer to ship a whole car without a penny paid in advance, allowing you five days to unload, inspect and check up the contents; provided that we are guaranteed payment, if the material proves to be as represented and specified in our bill of sale.

This is the crowning proof of quality! Could we make such an offer if our Lumber failed to stand the test? Who, besides us, dares to do as much? Judge us, then, by our deeds, and let the test of doing be the proof!

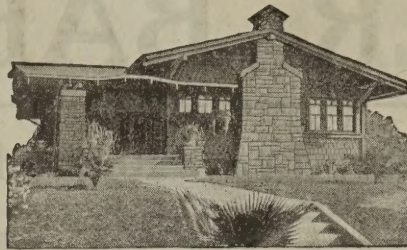
WRITE TODAY, send us your list of lumber for our estimate and latest "Direct-to-You" Freight Prepaid Prices.

Write for Our DIRECT-TO-YOU Lumber Prices



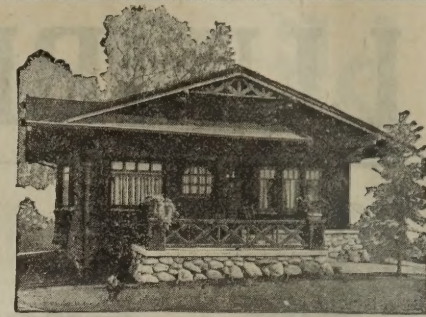
HARRIS HOME E-10

A cozy home and a good investment. Five dandy rooms with or without bath, all conveniently arranged. Sensibly cut-to-fit "The Harris Way" of same material as our highest price designs. Size 20 ft. by 20 ft. **\$429**
Price.....



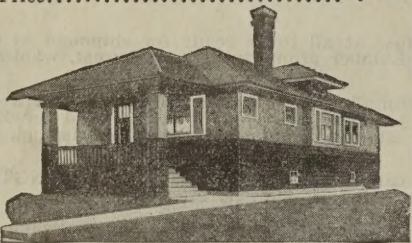
HARRIS HOME E-181

A model bungalow of the California Type. Five rooms and bath. Easily built with great economy of material sensibly cut-to-fit "The Harris Way" Size 27 ft. by 41 ft. 6 in. **\$789**
Price.....



HARRIS HOME E-182

Typical California Bungalow with well handled exterior. Comfort and convenience everywhere in this splendid room arrangement. Five rooms and bath. Size 26 ft. by 31 ft. 6 in. **\$620**
Price.....



HARRIS HOME E-171

Five rooms and bath with space for two rooms upstairs later on. An impressive exterior and interior in every way. Easily built at low cost, with material sensibly cut-to-fit "The Harris Way." Size 25 ft. by 35 ft. **\$682**
Price.....



HARRIS HOME E-159

Combines both exterior elegance and splendid interior arrangement. Novel features everywhere. Seven rooms and bath. Every dollar you invest will show in comfort or appearance. Size 32 ft. by 26 ft. **\$1057**
Price.....



HARRIS HOME E-193

A beautiful home of the Colonial Period. Both good to look at and pleasant to live in. Seven rooms and bath, glazed porch and sleeping porch. Easily built with material sensibly cut-to-fit "The Harris Way." Size 39 ft. by 22 ft. **\$1072**
Price.....

Special Plan Service Offers YOUR OWN IDEAS DEVELOPED BY SKILLED CRAFTSMEN



FREE!

\$10,000 BOOK OF PLANS

Photographic Reproductions of More Than 100 Modern Harris Homes

Your copy is ready. Write for it today—The Harris \$10,000.00 Plan Book is the handiest help for home builders ever printed. It is the key to right building with an enormous saving of money, time and labor. Upwards of 100 practical Harris Homes with plans, descriptions, prices and valuable information and advice, material, specifications, facts for greatest buyers, letters from builders everywhere who have made a big saving from this remarkable book. And it tells you—



How to build "The Harris Way."

How to save money, time, work and worry;

How to be your own superintendent;

How to boss your own building job and know that everything is done right, without waste.

Write Today For This Splendid Plan Book

The Harris Homes on these pages have been chosen at random from the pages of this beautiful book of plans. These pages give you only a faint idea of the wide range of modern American homes, carefully illustrated and described with floor plans and all details. A letter or postal request brings your copy by first mail—free.

HERE'S PROOF FROM MEN JUST LIKE YOU

Harris Brothers Co.

Plymouth, Ind.

Gentlemen: Before deciding to purchase the material for my recently completed building, I took the time and trouble to investigate and compare prices of the largest material firms in the country. After much comparison along this line I decided that you people have the only real money-saving proposition. I was not short a single item in erecting my house; in fact, I had more lumber left. I saved at least \$300.00.

(Signed) Ormond E. Swinehart.

Harris Brothers Co.

Lonetree, Iowa.

Gentlemen: Both houses complete and occupied. Greatest and best houses that were ever put up in this city. I have been working with you for the past seven years and have received many cars of lumber. Can faithfully say that for grade, quality, quick delivery, treatment, workmanship, honesty and extremely low prices, there is no firm that can equal you. Have saved on one house \$659.00, and on the other \$348.00.

(Signed) Jesse L. Baker,
Contractor and Builder.

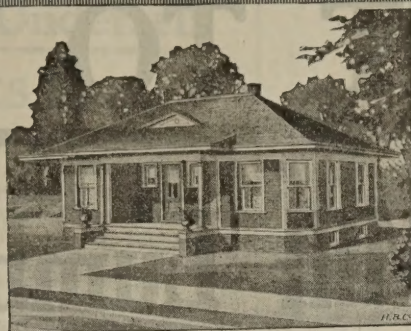
Thousands of Letters Like These

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago



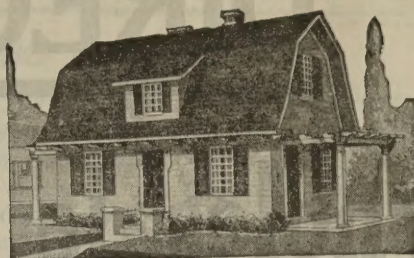
HARRIS HOME E-92

A neat, trim little bungalow that shows how very attractive a small home can be. Built with great economy of material, sensibly cut-to-fit "The Harris Way." Four rooms, bath and pantry. Size 20 ft. by 28 ft.
Price..... **\$375**



HARRIS HOME E-117

This bungalow was built for our exhibit at the Iowa State Fair. Six rooms and bath, all on one floor. Built time and again with the same satisfaction and big saving to its owner. Size 39 ft. 6 in. by 27 ft.
Price..... **\$725**



HARRIS HOME E-109

A splendid example of the big economy in building with material sensibly cut-to-fit "The Harris Way." So many good features everywhere, you wonder at its popularity. Five rooms, bath or pantry. Size 26 ft. by 16 ft.
Price..... **\$473**

To Home Builders Everywhere

MAKE USE OF OUR LONG EXPERIENCE AND EXPERT SERVICE

FREE! BLUE PRINT PLANS

Home Builders Save \$25 to \$100 Right At The Start On Our FREE Plans

One section of the Harris \$10,000.00 Book of Plans explains our free blue print plan offers. Select from the plan book the design that pleases you. Send us \$2.00 and we will furnish blue print plans showing in detail just how any one of the 100 Harris Homes are to be built. Understand these plans are free to purchasers. The \$2.00 will be refunded on your purchase of material. These plans are architecturally correct in every detail, carefully figured out by experts of many years' experience; men who are not only architectural designers, but are also practical in every detail of actual contracting and building operations.

Those who build their homes "The Harris Way" from our lumber and sensibly cut-to-fit material save from \$25.00 to \$100.00 right at the start on our free plans. You could not get these plans from any architect of equal skill for less than that! And, remember this substantial saving on plans is just the first step to the big saving we make you on the actual building of your home "The Harris Way." If you have some original exclusive idea for your home you are figuring upon—something radically different from the designs in our book or anything you have ever seen—we are prepared to carry out that idea.

LETTERS ENDORSING "THE HARRIS WAY"

Harris Brothers Co.

Ulster, Pa.

Freeland, Pa.

Gentlemen: Find enclosed a note from W. C. Whipple Co. They sent me the same, as I have the work for Mrs. Nesbit's and the Olmstead houses. I feel interested in your behalf, as I do not believe they can furnish better material than your concern. In my 25 years of experience I never used better material and your dealings are as fair as any one could ask.

(Signed) A. C. Hall, Contractor and Builder.

Harris Bros. Co.

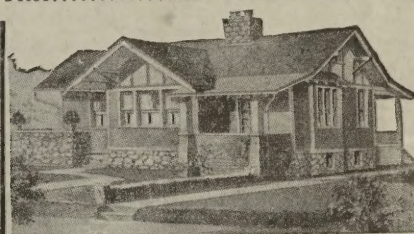
Gentlemen: I have had men from three other towns look at my home and they think it O. K. Everything arrived in good condition. I saved on the building, including steam heat and bathroom outfit, about \$1,000, as this kind of lumber would be very dear here.

(Signed) Lewis Young.



FREE: Complete Book of Harris Built Barns!

This is one of the most important books to all farmers we have ever issued. It offers an unapproached range of barn designs to fit every need at lowest building cost. If you expect to build a barn, the first step to a big saving is to write for this book. All features of barn construction thoroughly covered.



HARRIS HOME E-60

A charming bungalow that has gained many admirers. Convenient, interesting features found everywhere in the splendid interior. Five rooms and bath. Size 37 ft. 6 in. by 28 ft. 9 in.
Price..... **\$761**



HARRIS HOME E-156

One of the most popular two story houses ever offered, built with satisfaction and economy time and again. Eight splendidly arranged rooms and bath. Size 24 ft. 6 in. by 31 ft.
Price..... **\$839**

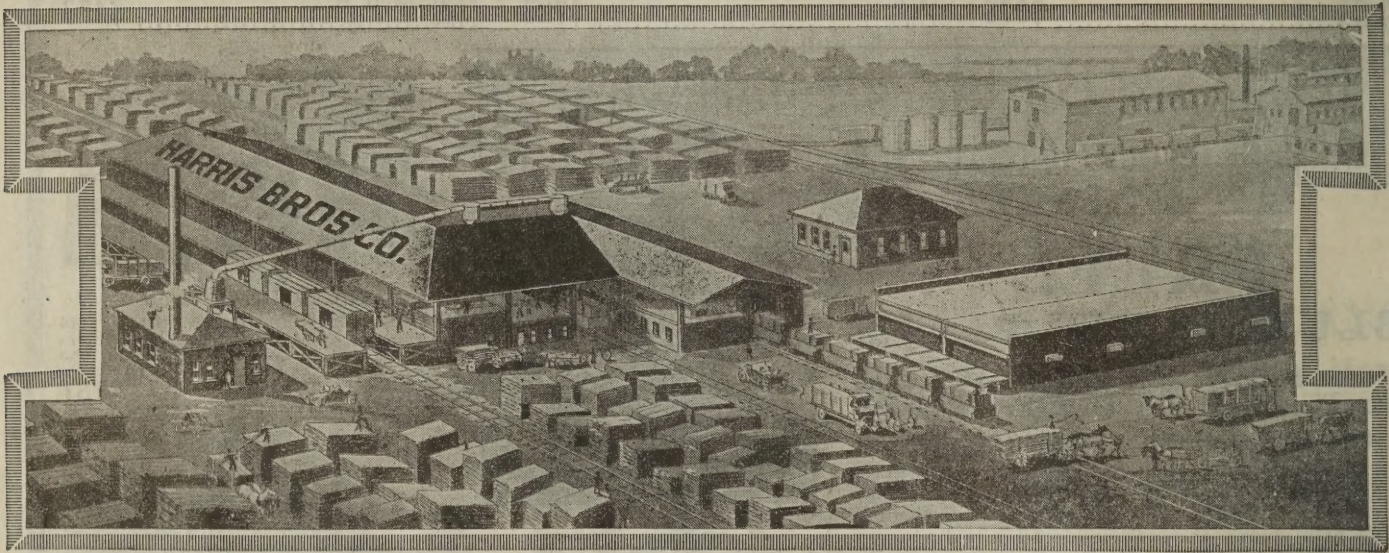


HARRIS HOME E-5050

A modified Colonial Home that builds at low cost. Combines exterior elegance and a desirable interior. Eight rooms, bath and reception. Size 36 ft. by 31 ft.
Price..... **\$1395**

DIRECT TO YOU

Wholesale Mill Lumber Prices That Save You Money



PLEASE NOTE! The above plant is our latest addition to our tremendous lumber facilities and means lumber **DIRECT TO YOU** at the lowest possible prices. Shipping lumber from this plant is the straightest and shortest cut **DIRECT TO YOU**; therefore means lowest prices and biggest savings. We carry mammoth stocks on hand here as well as at Chicago at all times, ready for immediate shipment. Prices on lumber in this **DIRECT TO YOU** Price List are F. O. B. cars Jacks n, Miss.

Where The Saving Comes In

TO reduce the selling price of lumber, that is why we built this, our new modern, labor saving up-to-date lumber manufacturing plant located at the city limits of Jackson, the capital of the state of Mississippi, adjacent to and easily reached by a half a dozen railroads from the finest timber tracts in the United States. It was built for you and supplies us with the highest quality lumber at lowest of low prices. When you buy from us you cut out half a dozen in-between-profits. The manufacturer's profit, the wholesaler's profit, several commission men's profits and last and biggest of all, the Trust retailer's profit, all remain in your pocket. We sell direct to you right from our splendid, up-to-date manufacturing plant, where economy in manufacture and handling is ever the watch word—where lumber is manufactured by modern methods, and where it goes from mill to you practically in one continuous stream. Quick shipments. No waste in labor, no waste in freight, no waste in time—that's where the saving comes in.

We guarantee to you, in a broad and binding manner, backed up not only by our capital stock of \$10,000,000.00, but by every honest resource at our command, that the material we offer will prove up to grade, size and manufacture in every respect.

In addition to carrying in stock, ready for immediate shipment, all kinds of Yellow Pine and Cypress lumber, we have such excellent Pacific Coast Lumber as Soft Oregon Fir and California Red Wood. The advent of the Panama Canal cuts an important figure in getting these woods into the Central and Eastern sections of the United States. Billions and billions of feet of this material formerly shipped by rail can now be shipped by water at much lower rates, thus enabling markets to get the use of these woods, heretofore prohibited on account of the high prices.

8 Free Estimate Furnished upon Receipt of Your Itemized List, Freight Paid.

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago

1116-50M-3.

Here's Why We Undersell

NO TRUST PRICES HERE

We have studied lumber, millwork and building material successfully for 23 years. We were the first to sell Direct to You at prices that meant big savings and naturally we were also the first to be attacked from every side by that far-reaching and dangerous octopus—the various retail Lumber Trust Dealers' Associations, who considered it their exclusive and almost divine right to make the consumer, the home builder, the man who is striving to make a place for himself in the world, pay exorbitant prices for lumber or give up his building plans. We have fought them to a finish, beaten them at every angle and today, with our new mammoth manufacturing plant, we are determined to undersell all, and furnish better material in the bargain.

ORDER TODAY

Take advantage of these low, wholesale, mill, direct-to-you prices. Order today. Do not keep putting it off until it is too late, and you cannot wait to have it shipped in. The man who puts off until tomorrow what he can do today, never gets anywhere. Make up your mind now instead of a week from now and when that week is gone by your lumber will be well on its way and will get to you when you want it. Prices will never be lower. Lumber is now being sold at lowest prices in history and the only change in price that is coming is a change to higher prices.

IMMEDIATE SHIPMENT

This plant is especially built and equipped for quick shipments of all kinds of mixed lumber. Has been able to ship all cars within two days from receipt of order and expects to live up to this schedule right along. Having continuous switching connection with the main line of the Illinois Central Railroad it means no delay in getting a car through and we have been able to get cars through as far North as Minnesota in eight days' time; to Pennsylvania and New York in eleven days, and nearer by points in less. Where customer is in a hurry and he so requests, we will wire trace any shipment without any extra charge.

HOW TO ORDER

Special Attention to "Party Orders"

It is an easy matter to order your lumber. Make up your order direct from this Wholesale-Direct-To-You-Price-List. They are for carload lot shipments. If you cannot make up an order for a carload yourself, get some of your neighbors to join you. You will be surprised at what a saving you will make by shipping in carload lots. We cannot ship less than 14 or 15 thousand feet of mixed lumber because it takes this amount to make a minimum carload weight upon which we can secure low carload freight rates.

FREIGHT CHARGES

If you do not wish to order direct from these prices, send us your list of lumber wanted and we will make you an estimate, naming you guaranteed freight paid prices by return mail.

We will pay special attention to two or more party orders. We will take special care in loading the material, keep each customer's separate, so there will be no difficulty in unloading same and checking it out of the car. It saves big money to buy material in car lots.

Do not let the matter of freight charges discourage you. Your dealer also has to pay them and you to him—plus a handsome profit on top. We ship DIRECT TO YOU at mill prices and do not have to do this.

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago

Special Terms For You

NO RISK AT ALL

We do not specify cash with order—we are not afraid to ship you our lumber subject to your inspection and payment after arrival.

We guarantee absolutely that the lumber we ship will be manufactured and graded correctly; all Yellow Pine according to the Yellow Pine Ass'n and all Fir according to the Pacific Coast Lumber Ass'n rules for manufacture and grading, which are considered the standard for good lumber. If not up to grade we will cheerfully refund your money. You cannot, however, expect us to ship you, perhaps a stranger, a valuable carload of material without some evidence of good faith, on your part, and you should send us at least 10 per cent of the total amount of your order as evidence of good faith. Take your choice of the following methods of payment:

Terms No. D1—25 per cent cash with order depending upon distance to be shipped and amount, balance straight C. O. D.

Terms No. D2—25 per cent cash with order balance of payment to be covered by our Special Terms Guarantee Blank. (Blank sent on application.) This will give you 5 days' time to unload and inspect before paying balance.

Terms No. D3—No cash with order. If you have purchased a carload of lumber from us before, we will ship without any cash payment. Payment must, however, be covered by special terms • Guarantee Blank (blank sent on application), which gives you 5 days' time to inspect and unload before paying.

Terms No. D4—2 per cent discount will be allowed for cash in full with order, positively allowed only when the full amount is sent with order.

It makes no difference whether you pay all or nothing the quality, quantity and service will be the same. This we absolutely guarantee.

"DIRECT TO YOU."

Low Prices That Save You Money

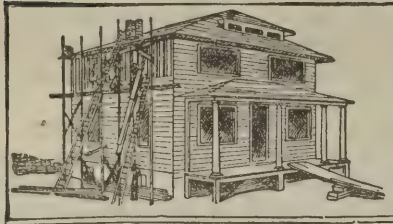
All prices on this "DIRECT TO YOU" Price List are free on board cars at our plant at Jackson, Miss. Address all mail to 35th and Iron Streets, Chicago, Ill. Of course, they are based on your ordering enough material so as to make 34,000 lbs. weight, as explained, we must have this weight to get the benefit of low carload freight rates—say about 14 or 15 thousand feet of lumber. If you have shingles you will not, of course, need as much lumber. We cannot fill orders for less than a small carload on these prices. You can safely figure that lumber for a house will weigh on an average of 2,500 lbs. to the 1,000 ft. Extra Star "A" Star Shingles—160 lbs. to the thousand. Clears, 5-2 Red Cedar Shingles—180 lbs. to the thousand. "Best" and "Prime" Cypress Shingles—300 lbs. to the thousand. 32-in. lath—350 lbs. to the thousand. 48-in. lath—500 lbs. The average house will easily take 15,000 ft. of lumber. If you only want a small lot of lumber it will be best for you to send a list of the material at once and we will name you special delivered prices from the point from which we can ship to best advantage.

For Lowest Prices on Grates, Tile and Fixtures, see Following Pages

DIRECT TO YOU—LUMBER PRICE LIST "D"

Shipped from Our "DIRECT TO YOU" Plant—See Pages 1 and 2

PLAIN BOARDS



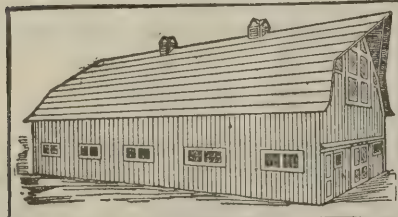
YELLOW PINE
For Sheathing, Lining
Sub-Floors, Roof
Boards, Etc.
Surfaced (Planed) Two
Sides.
Assorted Lengths, 8 to 20
Feet.

Size, Inches	Grade	Price, per 100 Feet Board Measure	Price, per 1,000 Feet, Board Measure
1x4	No. 3	\$1.40	\$14.00
1x6	No. 3	1.50	15.00
1x8	No. 3	1.60	16.00
1x10	No. 3	1.70	17.00
1x12	No. 3	1.80	18.00
1x4	No. 2	1.65	16.50
1x6	No. 2	1.85	18.50
1x8	No. 2	1.90	19.00
1x10	No. 2	2.00	20.00
1x12	No. 2	2.10	21.00
1x4	No. 1	1.90	19.00
1x6	No. 1	2.10	21.00
1x8	No. 1	2.20	22.00
1x10	No. 1	2.40	24.00
1x12	No. 1	2.60	26.00

Above prices for mixed lengths. Specified lengths, \$2.00 per 1,000 feet
200 per 100 ft. extra.
No. 3 Boards are the cheapest Boards produced—they will do for ordinary sheathing
where there is no objection to cutting out and wasting some of the bad part of the board.

SELECTED BARN BOARDS

SELECTED SHORT LEAF YELLOW PINE



Grade is equal or better
than "C" Finish. Surfaced
(Planed) two sides to even
thickness.
Here is lumber that is specially
sorted for the man who wants a
grade of boards that are better than
No. 1 and yet does not require
an absolute clear board as to
color, or perhaps a small, ab-
solutely sound pin knot. Will do
fine for outside finish and even
inside finish where you paint
or stain over it.

Size Inches	Grade	Price Per 100 Feet Board Measure	Price Per 1,000 Feet Board Measure
1x8	Special Barn Board	\$2.55	\$25.50
1x10	Special Barn Board	2.75	27.50
1x12	Special Barn Board	2.95	29.50

Above price is for specified lengths any way you want them—from 8 to 20 feet long.

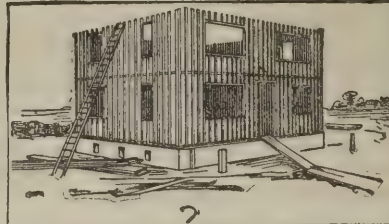
CYPRESS BARN BOARDS

THE WOOD EVERLASTING

Size Inches	Grade	Lengths Feet	Price Per 100 Feet Board Measure	Price Per 1,000 Feet Board Measure
1x8	No. 1 Barn Surfaced on Both Sides	12, 14, 16	\$3.00	\$30.00
1x8		18, 20	3.20	32.00
1x10		12, 14, 16	3.35	33.50
1x10		18, 20	3.55	35.50
1x12		12, 14, 16	3.70	37.00
1x12		18, 20	4.10	41.00

Shiplap or Dressed and Matched will be furnished at \$1.50 per 1,000 feet extra.
Be sure and state lengths wanted.

STUDDING AND RAFTERS

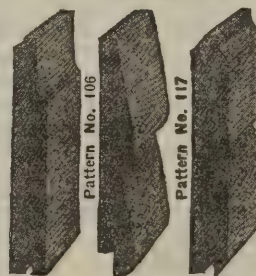


YELLOW PINE

All our Studding and
Rafters are surfaced one
side and one edge to
Standard Size, according to
Yellow Pine Manufacturers'
Grading Rules.

Grade	Size, Inches	Length	Price, Each Piece	Price Per 1,000 Feet Board Measure
No. 1	2x4	6 ft.	\$0.07	\$17.00
No. 1	2x4	8 ft.	.10	18.00
No. 1	2x4	9 ft.	.13	19.50
No. 1	2x4	10 ft.	.15	20.00
No. 1	2x4	12 ft.	.15	19.00
No. 1	2x4	14 ft.	.18	19.00
No. 1	2x4	16 ft.	.21	19.00
No. 1	2x4	18 ft.	.27	21.00
No. 1	2x4	20 ft.	.28	21.00
No. 1	2x4	22 ft.	.33	22.00
No. 1	2x4	24 ft.	.36	22.00
No. 1	2x6	6 ft.	.11	17.00
No. 1	2x6	8 ft.	.15	18.00
No. 1	2x6	10 ft.	.19	18.50
No. 1	2x6	12 ft.	.22	18.50
No. 1	2x6	14 ft.	.26	18.50
No. 1	2x6	16 ft.	.30	18.50
No. 1	2x6	18 ft.	.35	19.50
No. 1	2x6	20 ft.	.39	19.50
No. 1	2x6	22 ft.	.46	21.00
No. 1	2x6	24 ft.	.51	21.00
No. 1	2x6	26 ft.	.57	22.00
No. 1	2x6	28 ft.	.67	24.00
No. 1	2x6	30 ft.	.78	26.00

No. 2 GRADE In Manufacturing there are always some pieces that come
through the machines that will not grade No. 1, so we put
them in No. 2 grade, and sell them at \$2.00 per 1,000 less than above.



DROPSIDING

This material is also known as Novelty
Siding, Patent Siding and Dutch Siding.
Furnished in the softer grades of Short
Leaf Yellow Pine and Clear Oregon Fir.
Both these woods are very popular, being
strong, weather resisting and easily
worked. Billions of feet used annually
for the finest work, for both inside and
outside finish.

Patterns 106 and 116 can also be furnished in 8 inch

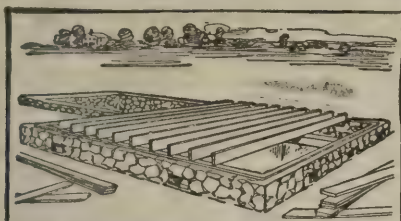
Kind of Wood	Pattern No.	Size Inches	Grade	Price Per 100 Square Feet	Price Per 1,000 Feet Board Measure
Y. P.	106 and 116	1x6	No. 2	\$1.90	\$19.00
Y. P.	106 and 116	1x6	No. 1	2.20	22.00
Y. P.	106 and 116	1x6	Clear	2.95	29.50
Y. P.	117	1x6	No. 2	1.90	19.00
Y. P.	117	1x6	No. 1	2.20	22.00
Y. P.	117	1x6	Clear	2.95	29.50
Fir	106 only	1x6	Select	3.40	34.00
Fir	106 only	1x6	Clear	3.70	37.00

Drop Siding is manufactured according to Standard Rules and Finished
Size is 1/4 inch scant for the 6 inch and 3/4 inch for the 8 inch.

DIRECT TO YOU—LUMBER PRICE LIST "D"

Shipped from Our "DIRECT TO YOU" Plant—See Pages 1 and 2

JOIST LIGHT and HEAVY 3 Inch Stock



YELLOW PINE

All our light and heavy joist are surfaced one side and one edge to Standard Size, according to Yellow Pine Association's Grading Rules.

Grade	Size, Inches	Length	Price, Each Piece	Price Per 1,000 Feet Board Measure
No. 1	2x8	6 ft.	\$0.14	\$17.00
No. 1	2x8	8 ft.	.21	18.00
No. 1	2x8	10 ft.	.25	19.00
No. 1	2x8	12 ft.	.30	19.00
No. 1	2x8	14 ft.	.36	19.00
No. 1	2x8	16 ft.	.40	19.00
No. 1	2x8	18 ft.	.51	21.00
No. 1	2x8	20 ft.	.57	21.00
No. 1	2x8	22 ft.	.66	22.00
No. 1	2x8	24 ft.	.73	22.00
No. 1	2x10	6 ft.	.18	17.50
No. 1	2x10	8 ft.	.25	18.50
No. 1	2x10	10 ft.	.33	19.50
No. 1	2x10	12 ft.	.39	19.50
No. 1	2x10	14 ft.	.45	19.50
No. 1	2x10	16 ft.	.53	19.50
No. 1	2x10	18 ft.	.65	21.50
No. 1	2x10	20 ft.	.71	21.50
No. 1	2x10	22 ft.	.87	23.50
No. 1	2x10	24 ft.	.94	23.50
No. 1	2x12	6 ft.	.22	18.00
No. 1	2x12	8 ft.	.31	19.00
No. 1	2x12	10 ft.	.41	20.00
No. 1	2x12	12 ft.	.48	20.00
No. 1	2x12	14 ft.	.56	20.00
No. 1	2x12	16 ft.	.66	20.00
No. 1	2x12	18 ft.	.80	22.00
No. 1	2x12	20 ft.	.89	22.00
No. 1	2x12	22 ft.	1.06	24.00
No. 1	2x12	24 ft.	1.16	24.00

Write for prices on lengths longer than 24 ft.

NO. 2 GRADE In Manufacturing there are always some pieces that come through the machines that will not grade No. 1, so we put them in No. 2 grade and sell them at \$2.00 per 1,000 less than above.

HEAVY JOIST

Per 1,000 Feet Board Measure

Price

No. 1	2x14	10 to 20	"	\$24.50
No. 1	2x14	22 and 24	"	26.00
No. 1	2x14	26 to 30	"	28.00
No. 1	3x4	10 to 20	"	20.50
No. 1	3x4	22 and 24	"	22.50
No. 1	3x4	26 to 30	"	25.00
No. 1	3x6	10 to 20	"	20.50
No. 1	3x6	22 and 24	"	22.50
No. 1	3x6	26 to 30	"	25.00
No. 1	3x8	10 to 20	"	20.50
No. 1	3x8	22 and 24	"	22.50
No. 1	3x8	26 to 30	"	25.00
No. 1	3x10	10 to 20	"	21.50
No. 1	3x10	22 and 24	"	23.00
No. 1	3x10	26 to 30	"	25.50
No. 1	3x12	10 to 20	"	22.50
No. 1	3x12	22 and 24	"	24.00
No. 1	3x12	26 to 30	"	27.00

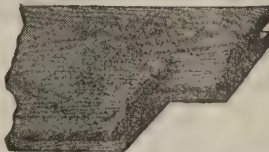
SHIPLAP, OR DRESSED AND MATCHED



YELLOW PINE—Surfaced Both Sides

Size, Inches	Grade	Price Per 100 Feet Board Measure	Price Per 1,000 Feet Board Measure
1x6	No. 3	\$1.55	\$15.50
1x8	No. 3	1.65	16.50
1x10	No. 3	1.75	17.50
1x6	No. 2	1.90	19.00
1x8	No. 2	1.95	19.50
1x10	No. 2	2.05	20.50
1x6	No. 1	2.15	21.50
1x8	No. 1	2.25	22.50
1x10	No. 1	2.45	24.50

Lengths 8 ft. to 20 ft.—Specified lengths, 20c per 100 Square Feet, or \$2.00 per 1,000 feet extra.



FLOORING YELLOW PINE

More Yellow Pine Flooring is sold than any other. It is the best and most serviceable floor to be had for the money.

FLAT GRAIN

1/4 SAWED OR EDGE GRAIN

Size, Inches	Grade	Price Per 100 Ft. Board Measure	Size, Inches	Grade	Price Per 100 Ft. Board Measure
1x4	No. 2	\$1.60	1x4	Select	\$3.10
1x4	No. 1	2.30	1x4	Clear	4.00
1x4	Clear	2.80	1x3	Select	3.50
1x3	No. 2	1.70	1x3	Clear	4.20
1x3	No. 1	2.45	1 1/4 x 4	Select	3.70
1x3	Clear	3.00	1 1/4 x 4	Clear	4.30
1x6	Clear	2.95	1 1/4 x 3	Clear	4.70
1x6	Lower grades see DRESSED and MATCHED				

All Flooring is manufactured according to manufacturers' standard as to finish and sizes. Thickness will be 13-16 inch, except 1 1/4 inch, which measures 1 1/4 net. Three-inch flooring measures 3/4 inch less and balance 1/4 inch less on face than size given.

Be Sure and order enough extra to allow space lost on account of tongue and groove.

The above prices are for regular assortment of lengths. Specified lengths 20c per 100 feet extra.

BARN BATTENS



O. G. AND FLAT PATTERNS

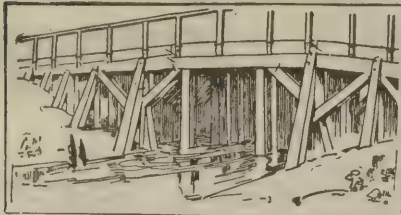


Size, Inches	Kind of Wood	Design	Price, Per 100 Lineal Feet	Size, Inches	Kind of Wood	Design	Price, Per 100 Lineal Feet
3/8x3	Yel. Pine	Flat	\$0.55	3/8x2 1/4	Yellow Pine	O. G.	\$0.70
3/8x3	Cypress	Flat	.60	3/8x2 1/4	Cypress	O. G.	.80

DIRECT TO YOU—LUMBER PRICE LIST "D"

Shipped from Our "DIRECT TO YOU" Plant—See Pages 1 and 2

TIMBERS



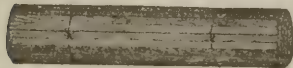
YELLOW PINE

Surfaced four sides to uniform width and thickness and size as covered by Yellow Pine Manufacturers' Grading Rules.

No. 1 Grade Only

Size, Inches	Length, Feet	Price of Each Piece	Price Per 1,000 Feet Bd. Measure	Size, Inches	Length, Feet	Price of Each Piece	Price Per 1,000 Feet Bd. Measure
4x4	10	\$0.27	\$20.00	6x8	10	\$0.80	\$20.00
4x4	12	.32	20.00	6x8	12	.96	20.00
4x4	14	.37	20.00	6x8	14	1.18	20.00
4x4	16	.43	20.00	6x8	16	1.28	20.00
4x4	18	.48	20.00	6x8	18	1.44	20.00
4x4	20	.53	20.00	6x8	20	1.60	20.00
4x4	22	.64	22.00	6x8	22	1.94	22.00
4x4	24	.71	22.00	6x8	24	2.11	22.00
4x4	26	.81	23.00	6x8	26	2.39	23.00
4x4	28	.89	24.00	6x8	28	2.69	24.00
4x4	30	1.00	25.00	6x8	30	3.00	25.00
4x6	10	.40	20.00	8x8	10	1.07	20.00
4x6	12	.48	20.00	8x8	12	1.28	20.00
4x6	14	.56	20.00	8x8	14	1.49	20.00
4x6	16	.64	20.00	8x8	16	1.71	20.00
4x6	18	.72	20.00	8x8	18	1.92	20.00
4x6	20	.80	20.00	8x8	20	2.13	20.00
4x6	22	.97	22.00	8x8	22	2.58	22.00
4x6	24	1.06	22.00	8x8	24	2.81	22.00
4x6	26	1.20	23.00	8x8	26	3.20	23.00
4x6	28	1.34	24.00	8x8	28	3.58	24.00
4x6	30	1.50	25.00	8x8	30	4.00	25.00
6x6	10	.60	20.00	8x10	10	1.47	22.00
6x6	12	.72	20.00	8x10	12	1.76	22.00
6x6	14	.84	20.00	8x10	14	2.05	22.00
6x6	16	.96	20.00	8x10	16	2.35	22.00
6x6	18	1.08	20.00	8x10	18	2.64	22.00
6x6	20	1.20	20.00	8x10	20	2.93	22.00
6x6	22	1.45	22.00	8x10	22	3.53	24.00
6x6	24	1.59	22.00	8x10	24	3.84	24.00
6x6	26	1.80	23.00	8x10	26	4.32	25.00
6x6	28	2.02	24.00	8x10	28	4.86	26.00
6x6	30	2.25	25.00	8x10	30	5.40	27.00

We can furnish timbers of any size and length at very lowest prices. Write us.



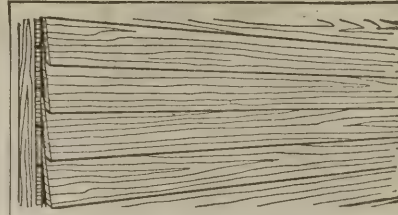
PLASTERING LATH

CYPRESS—YELLOW PINE.

Size, Inches	Length, Inches	Kind of Wood	Grade	Price Per 1,000 Pieces
3/8x1 1/2	32	Short Leaf Y. P.	No. 1	\$1.80
3/8x1 1/2	48	Short Leaf Y. P.	No. 2	2.43
3/8x1 1/2	48	Short Leaf Y. P.	No. 1	3.10
3/8x1 1/2	32	Cypress	No. 1	2.00
3/8x1 1/2	48	Cypress	No. 2	4.15
3/8x1 1/2	48	Cypress	No. 1	4.50

32 in. Lath mean a considerable saving. The quality is extra good.

BEVEL SIDING



YELLOW PINE, REDWOOD AND CYPRESS

Manufactured to Standard Size, Smoothly Machined to take and hold paint to best advantage.

Kind of Wood	Size, Inches	Grade	Price Per 100 Feet Board Measure
Short Lf. Y. P.	1/2x4	Clear	\$1.60
Short Lf. Y. P.	1/2x6	Clear	1.70
Short Lf. Y. P.	3/4x8	Clear Rough	2.90
Cali. Red Wood	1/2x4	Select	2.25
Cali. Red Wood	1/2x6	Select	2.35
Cali. Red Wood	1/2x4	Clear	2.35
Cali. Red Wood	1/2x6	Clear	2.45
Cypress	1/2x4	"C"	1.75
Cypress	1/2x6	"C"	1.85
Cypress	1/2x4	"B"	2.10
Cypress	1/2x6	"B"	2.25
Cypress	1/2x4	Clear	2.30
Cypress	1/2x6	Clear	2.45

Also known as Lap Siding, Clapboards, etc.; finished width for 4-inch is 3 1/2 inches; for 6-inch is 5 1/2 inches.

YELLOW PINE FINISH

Kiln Dried—Surfaced (Planed) Both Sides

Size, Inches	SELECT GRADE Price Per 100 Lineal Feet	Size, Inches	CLEAR GRADE Price Per 100 Lineal Feet
1x4	\$0.85	1x4	\$0.95
1x5	1.15	1x5	1.25
1x6	1.25	1x6	1.50
1x8	1.67	1x8	2.00
1x10	2.33	1x10	2.75
1x12	2.80	1x12	3.25
1 1/4x4	1.10	1 1/4x4	1.30
1 1/4x6	1.65	1 1/4x6	2.00
1 1/4x8	2.20	1 1/4x8	2.80
1 1/4x10	3.00	1 1/4x10	3.75
1 1/4x12	3.50	1 1/4x12	4.50
2x4	1.90	2x4	2.10
2x6	2.80	2x6	3.25
2x8	3.80	2x8	4.50
2x10	5.25	2x10	5.80
2x12	6.25	2x12	7.00

STEPPING STOCK—For stock nosed for stepping add 25c per 100 lineal feet. Above shipped assorted lengths, 10 to 20 feet. Specified lengths, 10 per cent extra.

BYRKIT'S PATENT LATH



YELLOW PINE: Lengths, 4 to 20 feet, surfaced (planed) both sides; width, 4 or 6 inches; 3/4 inch thick; subject to stock on hand.

Price Per 100 Feet Board Measure
\$1.75

BRIDGING, GROUNDS, FURRING STRIPS, SHINGLE LATH

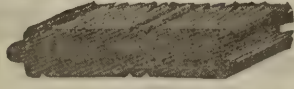
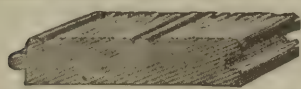
Surfaced (Planed)—Both Sides.

Size, Inches	Yellow Pine	Price Per 100 Lineal Feet	Price Per 1,000 Lineal Feet
1x1	Shipped in Random Lengths from 6 feet up	\$0.22	\$2.20
1x2		.32	3.20
1x3		.50	5.00
2x2		.67	6.70

One-inch stock will be 3/4 inch scant on account of being dressed. 2x2-inch stock, 3/4 inch scant.

DIRECT TO YOU—LUMBER PRICE LIST "D"

Shipped from Our "DIRECT TO YOU" Plant—See Pages 1 and 2



BEADED CEILING

PARTITION

YELLOW PINE and FIR

YELLOW PINE and FIR

Kind of Wood	Thick-ness, In.	Width of Face, Inches	Grade	Price Per 100 ft. Bd. Measure
Yel. Pine	5/8	3 1/4	No. 2	\$1.40
Yel. Pine	5/8	3 1/4	No. 1	2.10
Yel. Pine	5/8	3 1/4	Clear	2.30
Ore. Fir	5/8	3 1/4	Select	2.30
Ore. Fir	5/8	3 1/4	Clear	2.55

Kind of Wood	Thick-ness, In.	Width of Face, Inches	Grade	Price Per 100 ft. Bd. Measure
Yel. Pine	3/4	3 1/4	No. 2	\$1.70
Yel. Pine	3/4	3 1/4	No. 1	2.35
Yel. Pine	3/4	3 1/4	Clear	2.85
Ore. Fir	3/4	3 1/4	Select	3.30
Ore. Fir	3/4	3 1/4	Clear	3.60

Order enough extra to allow for tongue and groove. Prices are for assorted lengths. Specified lengths, 20 cents per 100 square feet, extra.

CYPRESS FINISH

Surfaced (Planed) Both Sides

Size, Inches	Grade	Price Per 100 Lineal Feet
1x4	All	\$1.03
1x5	No. 1	1.40
1x6	selec-	1.65
1x8	ted	2.15
1x10	ted	2.95
1x12	Stock	4.00
1x4	Select	1.18
1x5	Select	1.62
1x6	Select	2.00
1x8	Select	2.68
1x10	Select	3.30
1x12	Select	4.30
1 1/4x4	Select	1.65
1 1/4x6	Select	2.60
1 1/4x8	Select	3.50
1 1/4x10	Select	4.50
1 1/4x12	Select	5.90
2x4	Select	3.20
2x6	Select	4.50
2x8	Select	6.00
2x10	Select	7.80
2x12	Select	9.75

Size, Inches	Grade	Price Per 100 Lineal Feet
1x4	Clear	\$1.44
1x5	Clear	1.82
1x6	Clear	2.20
1x8	Clear	2.95
1x10	Clear	3.69
1x12	Clear	4.80
1 1/4x4	Clear	1.93
1 1/4x6	Clear	2.85
1 1/4x8	Clear	3.91
1 1/4x10	Clear	4.85
1 1/4x12	Clear	6.35
2x4	Clear	3.20
2x6	Clear	4.87
2x8	Clear	6.50
2x10	Clear	8.09
2x12	Clear	10.50

Above shipped assorted lengths, 10 to 20 feet. Specified lengths, 10 per cent extra.

STEPPING STOCK—For stock nosed for stepping add 25c per 100 lineal feet.

SOFT OREGON FIR FINISH

Surfaced (Planed) Both Sides

Size, Inches	Grade	Price Per 100 Lineal Feet
1x4	Clear	\$1.30
1x5	Clear	1.75
1x6	Clear	2.15
1x8	Clear	2.75
1x10	Clear	3.55
1x12	Clear	4.65
1 1/4x4	Clear	1.70
1 1/4x6	Clear	2.80
1 1/4x8	Clear	3.63
1 1/4x10	Clear	4.60
1 1/4x12	Clear	6.30

Size, Inches	Grade	Price Per 100 Lineal Feet
2x4	Clear	\$2.95
2x6	Clear	4.70
2x8	Clear	6.05
2x10	Clear	7.55
2x12	Clear	9.65

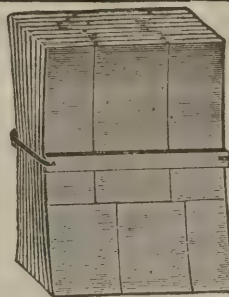
OREGON FIR is one of the finest woods on the market. Strong, weather resisting and easily worked. Billions of feet used annually for the finest work.

Above shipped assorted lengths, 10 to 20 feet. Specified lengths, 10 per cent extra.

STEPPING STOCK—For stock nosed for stepping add 25c per 100 lineal feet.

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago

PRICES ON THIS PAGE GOOD FOR CARLOAD LOT SHIPMENTS ONLY STRAIGHT FROM OUR "DIRECT TO YOU" PLANT. SEE PAGES 1-2.



SHINGLES

CYPRESS and WASHINGTON
RED CEDAR

Reliable Brands Only

Brand or Grade	Kind of Wood	Price Per 1,000
"Primes"	Cypress	\$3.80
"Bests"	Cypress	4.30
Extra Star A Star 6/2	Wash. Red Cedar	3.29
Extra Clears 5/2	Wash. Red Cedar	3.79

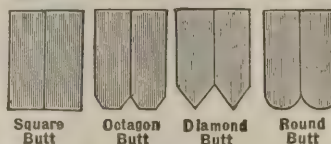
5/2 or 5 to 2 means that the combined thickness of 5 shingles measured across the butt shall measure approximately 2 inches.

6/2 or 6 to 2 means that the combined thickness of 6 shingles measured across the butt shall measure approximately 2 inches.

All shingles are 16-inch lengths, guaranteed manufacturers' grading. Prices on Shingles subject to change on account of market fluctuations.

"PRIMES" and "BESTS" come in even widths, 5 inches wide and are the two best grades of Cypress Shingles made. "Primes" are 5 to 2's, admit small tight knots and sap, but free from shake and other defects, but with no knots within 8 inches of the butt.

"Bests" come in even widths, 5 inches wide. "Bests" are a 5/2 shingle, all heart and free from shake, knots and other defects. Prices on shingles subject to change, as market fluctuates.



CYPRESS DIMENSION SHINGLES

The four most popular designs. Five inches wide; 16 inches long; in four different designs.

Grade	Thickness, Inches	Design	Price per 1,000
Clear Cypress	5 to 2	Square Butt	\$4.75
Clear Cypress	5 to 2	Octagon Butt	5.50
Clear Cypress	5 to 2	Diamond Butt	5.50
Clear Cypress	5 to 2	Round Butt	5.50

PORCH FLOORING

6 to 9 Ft. Lengths

Kind of Wood	Size, Inches	Grade	Price Per 100 Ft. Board Measure
Oregon Fir	1x4	Clear Flat Grain	\$3.20
Oregon Fir	1x4	Select Edge Grain	3.20
Oregon Fir	1x4	Clear Edge Grain	3.70
Yellow Pine	1x4	Clear Edge Grain	3.70
Yellow Pine	1x3	Clear Edge Grain	3.90
Oregon Fir	1 1/4x4	Select Edge Grain	3.50
Oregon Fir	1 1/4x4	Clear Edge Grain	4.00

PORCH FLOORING

10 to 20 Ft. Lengths

Kind of Wood	Size, Inches	Grade	Price Per 100 Ft. Board Measure
Oregon Fir	1x4	Clear Flat Grain	\$3.40
Oregon Fir	1x4	Select Edge Grain	3.40
Oregon Fir	1x4	Clear Edge Grain	3.90
Yellow Pine	1x4	Clear Edge Grain	4.00
Yellow Pine	1x3	Clear Edge Grain	4.20
Oregon Fir	1 1/4x4	Select Edge Grain	3.70
Oregon Fir	1 1/4x4	Clear Edge Grain	4.20

DIRECT TO YOU—LUMBER PRICE LIST "D"

Shipped from Our "DIRECT TO YOU" Plant—See Pages 1 and 2

CASING--BASE--TRIM and SMALL MOULDINGS

All Correctly Manufactured—Kiln Dried Stock—Clear, Beautifully Grained Lumber.


O-G DOOR AND WINDOW STOPS
Prices per 100 lineal ft.


No.	Size	Y. Pine
10M8083	3/8"x1 1/8"	\$0.29
10M8084	3/8"x1 3/8"	.36
10M8085	3/8"x1 3/4"	.45


QUARTER ROUND
Prices per 100 lineal ft.


No.	Size	Y. Pine
10M8065	3/4"x3/4"	\$0.30
10M8066	7/8"x7/8"	


COVE OR SCOTIA
Prices per 100 lineal ft.

No.	Size	Y. Pine
10M8060	3/4"x7/8"	\$0.31

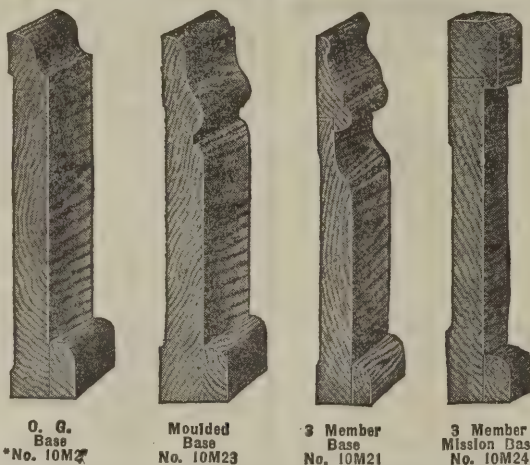

PICTURE MOULD
10M8264
Size 1 1/2"x1 3/4"
Clear Yellow Pine.
Price per 100 Lineal Ft.
60c

WAINSCOTING CAP


Clear Yellow Pine.
10M8228
Suitable for 1/2" and 7/8" wainscoting

Size	Clear Yellow Pine
1 1/8"x2"	\$0.81

COMPLETE BASE BOARDS



O. G. Base
No. 10M22

Moulded Base
No. 10M23

3 Member Base
No. 10M21

3 Member Mission Base
No. 10M24

No. 10M22 INCLUDES	SIZE	Price Per 100 Lineal Ft.	Price Complete Per 100 Lineal Ft.
Main Base No. 8386.....	13/16x7 1/4"	\$2.75	\$3.00
Base Shoe No. 8422.....	1/2"x7/8"	.32	
No. 10M23 INCLUDES			
Main Base No. 8426.....	13/16x7 1/4"	\$2.75	\$3.00
Base Shoe No. 8422.....	1/2"x7/8"	.32	
No. 10M21 INCLUDES			
Base Moulding No. 8420..	13/16x2 1/4"	\$0.93	\$3.90
Main Base No. 8421.....	13/16x7 1/4"	2.75	
Base Shoe No. 8422.....	1/2"x7/8"	.32	
No. 10M24 INCLUDES			
Base Moulding No. 1004..	1 1/8"x1"	\$1.07	\$4.10
Main Base No. 1005.....	13/16x7 1/4"	2.75	
Base Shoe No. 8422.....	1/2"x7/8"	.32	

*Base No. 10M22 can also be furnished with plain round edge.

BALUSTER STOCK Clear Yellow Pine
Price per 100 Lineal Feet.

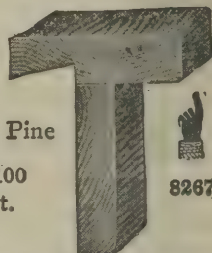
No.	Size	Price
10M653	1 1/8"x1 1/8"	\$0.88
10M652	1 5/8"x1 1/8"	1.32

BASE SHOE

10M8422 Size 5/2"x7/8"
Price per 100 Lineal Feet.....32c

WINDOW STOOL AND APRON

Clear Yellow Pine
Prices per 100 Lineal Feet.



No.	Size	Price
10M8267	1 1/8"x3 3/4"	\$2.31
10M8379	1 1/8"x3 3/4"	1.51

CHAIR RAIL

Clear Yellow Pine
Price per 100 Lineal Feet

No.	Size	Price
10M8496	1/2"x3 1/2"	\$1.51

Can also be furnished in square edged stock. Same price, When ordering specify if square edge is wanted.

3 MEMBER HEAD TRIM

Clear Yellow Pine
Price per 100 Lineal Feet

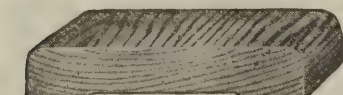
Price of All 3 Members Complete Per 100 Lineal Feet\$3.20

If wanted separately, prices are as follows:

No.	Size	Price
10M8396	Cap 1 1/8"x2 1/4"	\$1.55
10M8394	Head 1 1/8"x4 1/2"	1.68
10M8395	Filler 1 1/8"x1"	.33

DOORS, WINDOWS AND OTHER MILLWORK

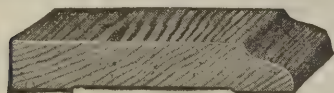
will be found in our complete building material catalogue gladly sent FREE, at lowest prices and immediate shipment from Chicago stocks. Our prices are so low that freight cuts little or no figure.



ROUND EDGE CASING
Price per 100 Lineal Ft.

No.	Size Inches	Clear Yellow Pine
10M8308	1 1/8"x3 3/4"	\$1.51
10M8309	1 1/8"x4 1/4"	1.76

The above can also be furnished in Mission style (square edge) at same price.



O-G CASING

Price per 100 Lineal Ft.

No.	Size Inches	Clear Yellow Pine
10M8384	1 1/8"x4 1/4"	\$1.76
10M8385	1 1/8"x5 1/4"	2.09



BACK BAND MISSION CASING
Price per 100 Lineal Ft.

No.	Size Inches	Clear Yellow Pine
10M998	1 1/8"x3 1/2"	\$1.54
10M999	1 1/8"x4 1/4"	1.76


DIRECT TO YOU—LUMBER PRICE LIST "D"

Shipped from Our "DIRECT TO YOU" Plant—See Pages 1 and 2

Save 50% on Mouldings, Casing, Base, Etc.


SHIPPED RIGHT WITH YOUR LUMBER—FRESH, CLEAN, THOROUGHLY SEASONED STOCK

Outside Mouldings at Deep Cut Prices




LATTICE AND PANEL STRIPS
Price per 100 Lineal Feet

No.	Size	Clear Y. Pine	Clear Cypress
10-M-8281	1 1/8 x 1 3/8	\$0.31	\$0.38
10-M-8282	1 1/8 x 1 3/4	.44	.51



QUARTER ROUND
Price per 100 lineal feet

No.	Size	Clear Y. Pine	Clear Cypress
10-M-8065	3/4 x 3/4	\$0.32	\$0.38
10-M-8066	7/8 x 3/4		




COVES
Price per 100 lineal feet

No.	Size	Clear Y. Pine	Clear Cypress
10-M-8060	3/4 x 3/4	\$0.32	\$0.38



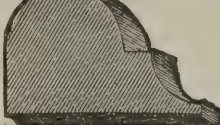
WATERTABLE OR DRISCAP
Price per 100 Lineal Feet

No.	Size	Clear Cypress
10-M-8283	1 1/8 x 1 5/8	\$1.18
10-M-8284	1 1/8 x 2	1.47
10-M-8285	1 1/8 x 2 1/2	1.79
10-M-8286	1 1/8 x 3	2.12



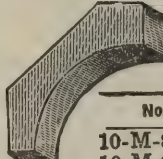
BED MOULDINGS
Price per 100 lineal feet

No.	Size	Clear Cypress
10-M-8015	7/8 x 1	\$0.42
10-M-8016	7/8 x 1 3/4	.74




NOSINGS
Prices per 100 Lineal Feet

No.	Size	Clear Yel. Pine	Clear Cypress
10-M-8124	1 1/2 x 2 for 1 1/4" steps	\$1.52	\$1.52
10-M-8126	1 3/4 x 2 1/2 for 1 1/4" steps	3.30	3.40



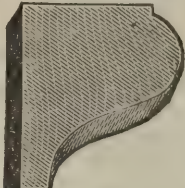
SPRUNG COVE
Prices per 100 Lineal Feet

No.	Size	Clear Cypress
10-M-8024	7/8 x 1 3/4	\$0.73
10-M-8026	7/8 x 2 3/4	1.14




SOLID BED MOLDS
Price per 100 lineal feet

No.	Size	Clear Cypress
10-M-8036	7/8 x 1 1/4	\$0.53



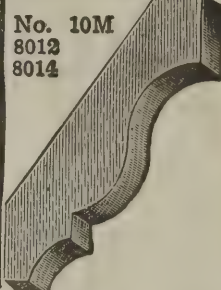
BRICK OR STONE MOULDING
Price per 100 Lineal Feet

No.	Size	Clear Cypress
10-M-8038	1 1/8 x 1 3/4	\$1.30



CROWN MOULDINGS
Prices per 100 Lineal Feet

No.	Size	Clear Cypress
10-M-8000	3/4 x 3 1/4	\$1.39
10-M-8003	3/4 x 2 1/2	1.18
10-M-8008	3/4 x 2 1/4	.97



CROWN MOULDINGS
Prices per 100 Lineal Feet

No.	Size	Clear Cypress
10-M-8012	3/4 x 4 1/4	\$1.78
10-M-8014	3/4 x 3 1/4	1.39



HARDWOOD FLOORING

Steel Polished and Bored, End Matched, for secret nailing. Thoroughly kiln dried.

MAPLE Flooring is the best quality Michigan Stock, extra well manufactured. Oak is best quality HARRIS brand Red Oak, thoroughly kiln dried to make extra fine floors. Measurements given are exact thickness and face measurements. DO NOT forget to order extra to allow for tongue and groove.

EXPLANATION OF GRADES.

CLEAR grade means free from knots and other defects.

SELECT GRADE—Defects in this grade flooring are mainly of a technical character with an occasional very small knot in the 13/16-inch thickness stock. There are no knots in 3/8-inch thickness, imperfection is in manufacture, sap stain and color.

FACTORY GRADE—This grade appears in Maple Flooring only. Is mainly used for factory, store and warehouse purposes. Contains larger and more defects than Select grade, also some knots, but will make a more lasting floor than the finest grade of softer wood floorings.

MAPLE			RED OAK		
Size, inches	Grade	Price Per 100 Ft. Board Measure	Size, inches	Grade	Price Per 100 Ft. Board Measure
3/8 x 2	Select	\$3.65	3/8 x 2	Select	\$3.90
3/8 x 2	Clear	4.20	3/8 x 2	Clear	5.40
1 1/8 x 2 1/4	Factory	3.20	1 1/8 x 2 1/4	Select Plain Sawed	5.40
1 1/8 x 2 1/4	Select	4.80	1 1/8 x 2 1/4	Clear Plain Sawed	6.70
1 1/8 x 2 1/4	Clear	5.50	1 1/8 x 2 1/4	Clear Quar. Sawed	9.70

Address All Mail to

HARRIS BROTHERS CO., 35th and Iron Streets
Dept. 22D CHICAGO.

HIGH QUALITY MILLWORK

**We Manufacture and Ship Direct to You
Better Material, Lowest Prices**

**Come and See Your Millwork Manufactured
OUR MILLWORK DEPARTMENT'S PHENOMENAL GROWTH**

Our Millwork Warehouse and Factory is the wonder of all who see it. In this great, mammoth building, 200 ft. wide and 600 ft. long, you will find—all ready for immediate shipment—thousands upon thousands of doors, windows, window frames, sash, glass, inside and outside mouldings, cabinets, etc., etc. Also a fully equipped factory with modern machinery, able to make and turn out on short notice many items of odd sizes sash, frames, windows, etc., etc., and other special mill work.

To tell the truth, it is a very interesting place for the prospective home builder to visit. Here he can see the process of manufacture of material going into his home, most of which has always been a mystery to him. It is a pleasure to see the beautiful, bright, clean stocks and the systematic manner in which orders are filled and articles manufactured.

LOW PRICES

Our claim for **LOW PRICES** is based upon our manufacturing and purchasing material in mammoth quantities. Think of ordering 10,000 windows at one time! Doesn't it stand to reason that we can secure lower prices and furnish a better quality of material? Think of ordering 4,000 sash of one kind, one size, at one time! Don't you think the manufacturers fall all over each other to get an order of this kind? Of course they do, and they make low prices, produce better goods, and we in turn, give you the benefit of this.

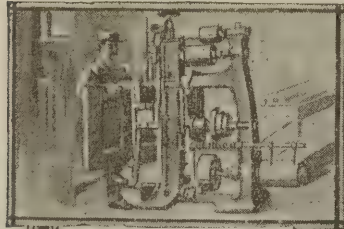
QUALITY

Our Millwork is good—all of it. There are many articles that we could furnish of much lower and cheaper grade and still be as good as that supplied locally, but in order to uniformly maintain our reputation for "**GOOD GOODS at LOW PRICES**" we cannot do this, and have on record, letter after letter from customers advising us that the material we shipped is much better than expected and far superior to that used in their localities, and sold at higher prices.

THE "KNOCKERS"

Do not lend willing ears to others (at home or elsewhere) who would dissuade you from getting acquainted with us. Some would do their level best to discourage you from even corresponding with us. Why do they go to this trouble? Because they are interested and have a "finger in the pie" at home and are afraid that if you once get our prices and get to know our excellent quality of material you will purchase your future requirements from us. For such people no statement is too libelous—no method seems to be too low and in many localities members of various Retail Trust Lumber Dealers' Associations have deliberately formed concerted efforts to undermine our good name and reputation. We do not have to resort to such means to get our orders. Our proposition is **Good Goods, Honest Grades, Low Prices and a Fair and Square Deal**—and it makes no difference whether you are an expert buyer or whether you do not know a thing about it—you can buy just as cheap. We have one price, one policy, and that is based on a **SQUARE DEAL** for our customers.

A woman can come here and buy one dollar's worth of material or a complete house or barn just as cheap as the expert and with a feeling of absolute safety. We have among our satisfied customers many women customers, who, owing to circumstances, are compelled to transact their own business.



Mortising a door **THE HARRIS WAY**, in one minute. Requires from thirty to sixty minutes the old way.



Making window frames **THE HARRIS WAY**, in one-tenth time required in the old way.



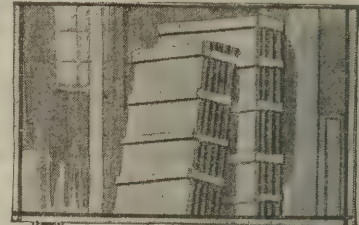
Inside trim cut straight and true. We make both the frames and inside trim, insuring a perfect fit.



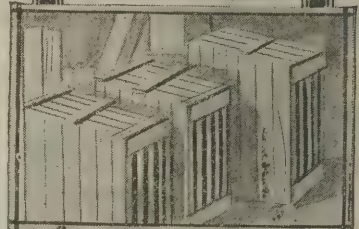
Fancy brackets and hand saw work of every description quickly and economically turned out.



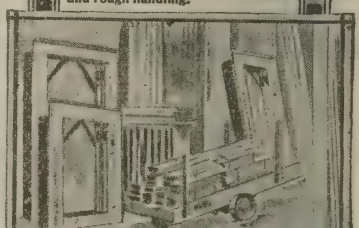
Housing the stringers, cutting and fitting the treads and risers **THE HARRIS WAY**.



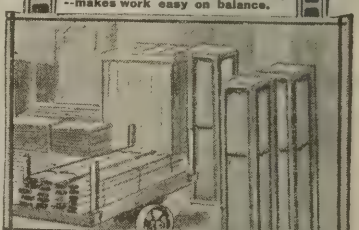
Great care is exercised in the packing of Harris Home Doors for delivery to you clean and perfect.



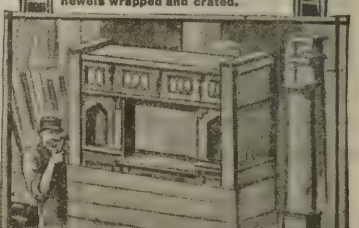
Glazed sash and doors strongly crated to withstand long journeys and rough handling.



All frames carefully bundled, plainly marked. One frame set up -- makes work easy on balance.



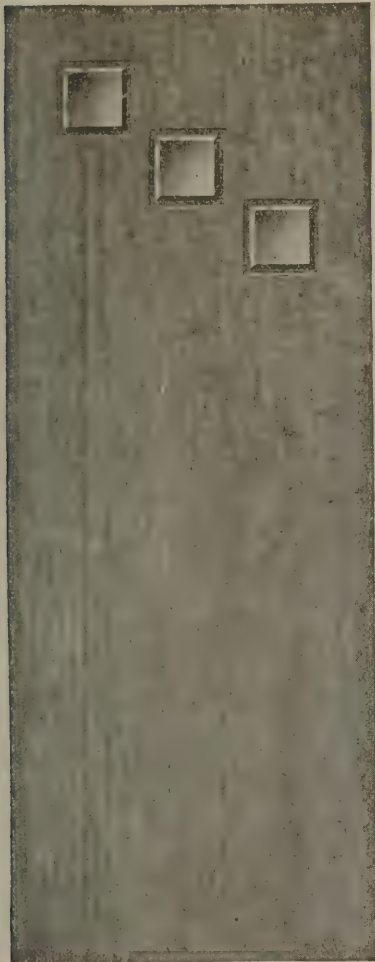
Inside trim neatly bundled, plainly marked--everything clear. Stair newels wrapped and crated.



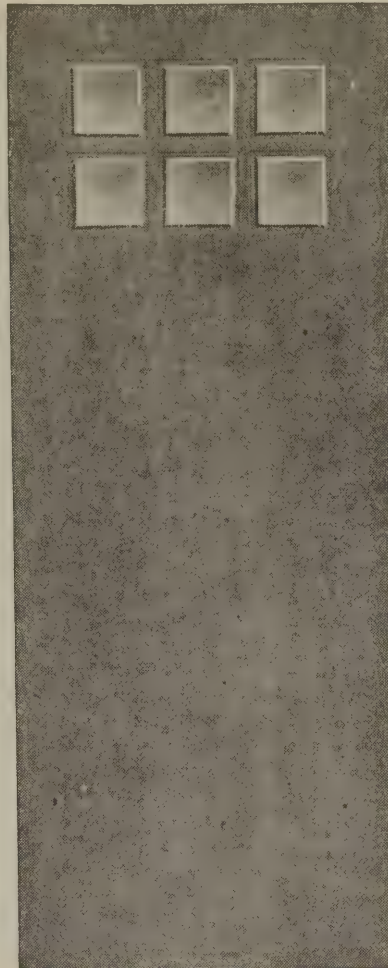
Cabinet work carefully wrapped and crated, guaranteed to reach you clean and perfect.

Modern Flush or Slab Doors

THE SANITARY DOOR—THE DOOR OF THE FUTURE



TENNYSON



BRYANT



EMERSON

Nothing is so conducive to a pleasant home atmosphere as harmonious surroundings and while many of the better class of home-loving folks have learned to arrange successfully the furniture details and garden spots, very few homes there are where the important feature of **building equipment** has not been neglected. These doors are really beautiful pieces of furniture ready for the finishing touches.

The "Tennyson" should be used mainly as a front door. The "Bryant" makes a perfect match for the vestibule. The "Emerson" would naturally

be used as an interior door exclusively.

Flush doors have a perfectly plain surface, hence the commercial term "**Flush Door**." They present a smooth surface—gathering no dust or dirt—the **ideal sanitary door**.

The "**Emerson**" door claims exclusive title as the "**Slab Door**", so called because it portrays, to all appearance, nothing but a slab cut from a beautifully grained log, but revealing upon closer inspection the **handicraft of master workmen**, improving upon the work of nature.

PRICES OF TENNYSON

1½ Inch Thick	Red Oak		Northern Birch	
	10-G-207 Glazed Clear D.S.A.	10-G-213 Glazed Bevel Plate	10-G-239 Glazed Clear D.S.A.	10-G-250 Glazed Bevel Plate
SIZES	Width	Height	Width	Height
Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.
2-8 x 6-8	\$ 9.30	\$10.40	\$ 8.77	\$ 9.97
2-10 x 6-10	9.80	10.60	9.37	10.17
2-8 x 7-0	9.65	10.44	9.22	10.01
2-10 x 7-0	10.00	10.87	9.57	10.47
3-0 x 7-0	10.37	11.15	9.94	10.72

PRICES OF BRYANT

1½ Inch Thick	Red Oak		Northern Birch	
	10-H-226 Glazed Clear D.S.A.	10-H-227 Glazed Bevel Plate	10-H-228 Glazed Clear D.S.A.	10-H-229 Glazed Bevel Plate
SIZES	Width	Height	Width	Height
Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.
2-8 x 6-8	\$ 9.65	\$11.80	\$ 9.22	\$11.37
2-10 x 6-10	10.15	12.44	9.72	12.01
2-8 x 7-0	10.01	12.30	9.58	11.87
3-0 x 7-0	10.73	13.38	10.30	12.94

PRICES OF EMERSON

1½ Inch Thick	Red Oak	Yellow Pine	North' Birch
	10-H-234	10-H-235	10-H-236
SIZES	Width	Height	Width
Ft. In.	Ft. In.	Ft. In.	Ft. In.
2-0 x 6-8	\$5.86	\$5.58	\$5.58
2-2 x 6-8	5.90	5.60	5.60
2-4 x 6-8	5.93	5.72	5.72
2-6 x 6-8	6.15	5.93	5.93
2-8 x 6-8	6.79	6.58	6.58
2-10 x 6-8	7.08	6.79	6.79
2-0 x 7-0	6.01	5.80	5.80
2-4 x 7-0	6.51	6.29	6.29
2-6 x 7-0	6.65	6.44	6.44
2-8 x 7-0	6.79	6.51	6.51
2-10 x 7-0	7.08	6.80	6.80
3-0 x 7-0	7.36	7.15	7.15

The veneering process of our Flush Doors is different from other methods, producing a door which cannot warp and **much stronger** than a solid paneled door. The regular veneered doors are made 3 ply, whereas the **Flush Doors** are made 5 ply, containing a **double layer** of veneer on both sides of the core, the inner layer running crosswise, the core itself being protected in **double fashion**, making it impossible for the door to shrink, crack or warp. This is the **only safe way** to make a flush door, so that we can **guarantee** them to give absolute satisfaction, providing the usual care is taken. Doors should be given a coat of "filler" immediately upon receipt of same.

For 50c extra per door we will apply one coat of filler

DON'T STORE IN DAMP PLACE

Mission Style Hardwood Doors

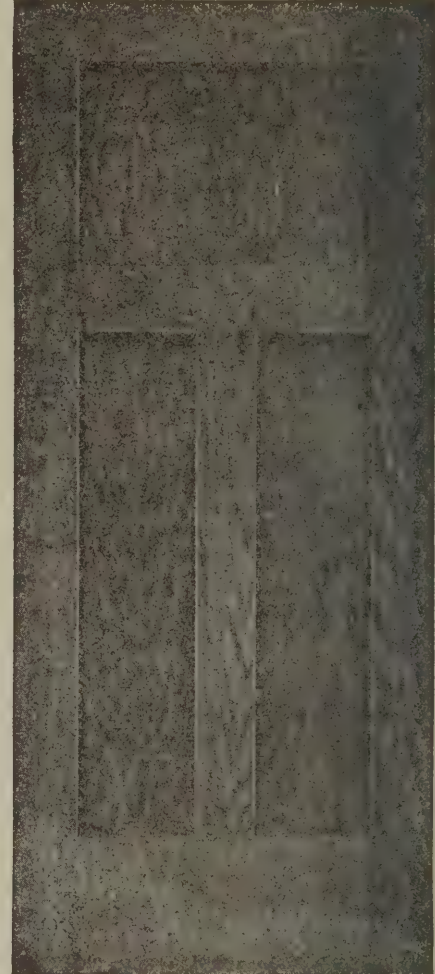
MODERN DOORS AT MODERATE PRICES



RUBENS



POE



DUMAS

Our "Mission" and other Veneered Hardwood Doors represent the highest type of Modern Door Making. They are as carefully made as a fine piece of furniture—interlocking dove-tail cores, specially selected woods, smooth sanded finish, and guaranteed not to warp or twist if ordinary care is used. Are handled at our plant with great care. Give them a coat of filler and paint top and bottom edges. While this will close the pores, they should not be placed into the building until the plastered side walls and ceilings are

thoroughly dry. You cannot be too particular in this respect with any Veneered Door, no matter from whom you buy. Our doors will prove to give satisfaction, both as to wearing qualities and appearance. You will neither be disappointed with the quality nor the price paid, and our prices are lowest. Manufactured especially for us by one of the best doormakers in the country. Carefully packed and crated. We guarantee that they will reach you in the same perfect condition they leave our plant.

PRICES OF RUBENS

1 1/4 Inch Thick				Red Oak	
SIZES				10-H-240	10-H-241
Width	Height			Glazed	Glazed
Ft. In.	Ft. In.			Clear D. S. A.	Bevel Plate
2-8	x	6-8		\$7.25	\$ 9.05
2-8	x	7-0		7.80	9.70
2-10	x	7-0		7.95	9.88
3-0	x	7-0		8.20	10.25
1 Inch Thick				Northern Birch	
SIZES				10-H-242	10-H-243
Width	Height			Glz'd D.S.A.	Gl. Bev. Plate
Ft. In.	Ft. In.				
2-8	x	6-8		\$6.20	\$8.28
2-8	x	7-0		6.75	8.60
2-10	x	7-0		6.86	8.90
3-0	x	7-0		6.98	9.30

PRICES OF POE

1 1/4 Inch Thick				Red Oak	Northern Birch
SIZES				No. 10-H-246	No. 10-H-247
Width	Height				
Ft. In.	Ft. In.				
2-6	x	6-6		\$5.26	\$4.25
2-6	x	6-8		5.33	4.30
2-8	x	6-8		5.40	4.35
2-0	x	7-0		5.88	4.75
2-4	x	7-0		5.90	4.80
2-6	x	7-0		5.95	4.82
2-8	x	7-0		6.02	4.90
2-10	x	7-0		6.18	4.95
3-0	x	7-0		6.88	5.20

PRICES OF DUMAS

1 1/4 Inch Thick				Red Oak	Northern Birch
SIZES				No. 10-H-248	No. 10-H-249
Width	Height				
Ft. In.	Ft. In.				
2-6	x	6-6		\$5.26	\$4.25
2-6	x	6-8		5.33	4.30
2-8	x	6-8		5.40	4.35
2-0	x	7-0		5.88	4.75
2-4	x	7-0		5.90	4.80
2-6	x	7-0		5.95	4.82
2-8	x	7-0		6.02	4.90
2-10	x	7-0		6.18	4.95
3-0	x	7-0		6.88	5.20

We can furnish doors 1 3/4 inches thick in the same designs—"Poe" or "Dumas"—in the beautiful Douglas Fir with laminated panels, at 50 per cent discount from the Red Oak list. Figure just one half of the 1 1/4 inch Red Oak price above. Read description of Interior Fir Doors on a following page.

Hardwood Front Doors

UNCOMMON DOORS AT COMMON PRICES



MOZART



REMBRANDT



GLADSTONE

Our **Hardwood Veneered Doors** are of better than standard construction. The **core** or inside is interlocked with "Dove-tailed" joints, impossible to come apart after they are once locked. The **panels** are 3 ply. The grain of the wood in the inner section runs in opposite direction to the outer layers.

The **Mozart** and **Gladstone** Doors make very neat and substantial front doors and are especially desirable where one does not want the full length glass effect and at the same time retain the benefit of plenty of light.

The panel effect in both **Mozart** and **Gladstone** is somewhat unusual—different from the ordinary paneled front doors on account of the wide embossed moulding.

The **Rembrandt** Door is quoted with clear double strength "A" glass, clear Beveled Plate and with colored Art. The color scheme combines an **artist's selection** of variegated Cathedral, Iridescent and Opalescent blending, making a beautiful door at a very reasonable price.

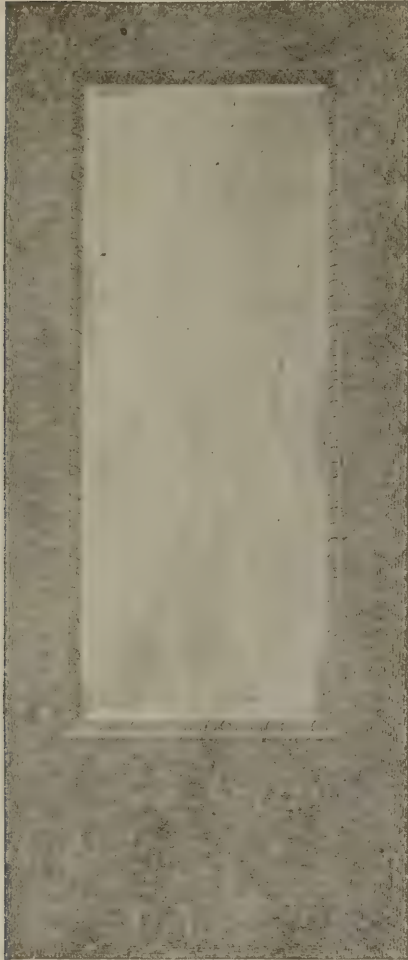
Veneered Red Oak and Northern Birch, 1 $\frac{3}{4}$ Inch Thick.

1 $\frac{3}{4}$ Inch Thick.	PRICES OF MOZART				PRICES OF REMBRANDT						PRICES OF GLADSTONE			
	Red Oak		Northern Birch		Red Oak			Northern Birch			Red Oak		Northern Birch	
	10-F-264 Glazed Clear D. S. A.	10-F-266 Glazed Bevel Plate.	10-F-267 Glazed Clear D. S. A.	10-F-268 Glazed Bevel Plate.	10-J-275 Glazed Colored Art.	10-J-276 Glazed Clear D. S. A.	10-J-277 Glazed Bevel Plate.	10-J-278 Glazed Colored Art.	10-J-279 Glazed Clear D. S. A.	10-J-280 Glazed Bevel Plate.	10-H-283 Glazed Clear D. S. A.	10-H-284 Glazed Bevel Plate.	10-H-285 Glazed Clear D. S. A.	10-H-286 Glazed Bevel Plate.
Width. Height. Ft. In. Ft. In.														
2-8 x 6-8	\$5.50	\$8.70	\$4.85	\$8.00	\$10.13	\$4.88	\$6.55	\$9.25	\$4.00	\$5.65	\$7.70	\$10.00	\$6.90	\$9.15
2-10 x 6-10	6.25	9.85	5.45	9.05	.....	.....	.....	.....	.....	.....	8.40	11.65	7.50	10.70
2-8 x 7-0	6.15	9.55	5.35	8.75	.....	.....	.....	.....	.....	.....	8.30	11.50	7.40	10.55
2-10 x 7-0	6.30	10.10	5.50	9.30	.....	.....	.....	.....	.....	.....	8.50	11.90	7.55	10.95
3-0 x 7-0	6.55	10.65	5.70	9.80	11.75	5.75	7.60	10.70	4.70	6.55	8.75	12.45	7.75	11.45

Only sizes listed carried in stock—Prices on other sizes on application.

Hardwood Front Doors

A BEAUTIFUL DOOR REFLECTS GOOD TASTE



AMERICAN BEAUTY



SHAKESPEARE



MORNING GLORY

The designs of Hardwood Front Doors adorning this page are as near the original product as pictures can make them. Regular flat sawed veneers could not produce the flaky, curly grain. The improved rotary cut process makes the ordinary Birch resemble very closely the higher priced curly birch. In Oak Doors, most people would prefer this method of veneering to the finest quarter-sawed oak. But this is not the only modern improvement which distinguishes our doors from the common variety. They are

different. **That's it.** Built better. While this important feature makes our doors more valuable than the usual rotary veneered doors, our prices are actually on par and even lower than others can be bought for. For this reason, we do not depend upon descriptive wording to sell our doors, but our ability to undersell is only another illustration of this company's progressiveness, for no other concern in the world would dare to offer doors of this character at such low figures.

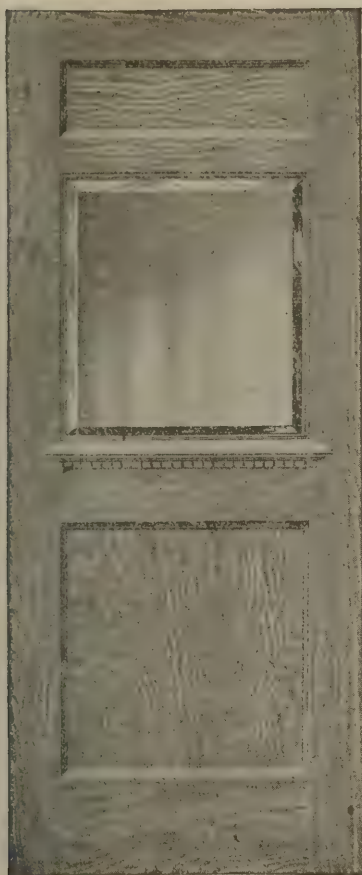
Veneered Red Oak and Northern Birch, 1 $\frac{3}{4}$ Inch Thick

1 $\frac{3}{4}$ Inch Thick SIZES Width, Ft. In. Height, Ft. In.		PRICES OF AMERICAN BEAUTY				PRICES OF SHAKESPEARE				PRICES OF MORNING GLOBE			
		Red Oak.		Northern Birch.		Red Oak.		Northern Birch.		Red Oak.		Northern Birch.	
		No. 10J1 Glazed Clear D. S. A.	No. 10J3 Glazed Beveled Plate	No. 10J251 Glazed Clear D. S. A.	No. 10J253 Glazed Beveled Plate	No. 10J217 Glazed Clear D. S. A.	No. 10J218 Glazed Beveled Plate	No. 10J219 Glazed Clear D. S. A.	No. 10J220 Glazed Beveled Plate	No. 10J4 Glazed Clear D. S. A.	No. 10J6 Glazed Beveled Plate	No. 10J263 Glazed Clear D. S. A.	No. 10J265 Glazed Beveled Plate
2	8 x 6-8	\$5.70	\$ 9.90	\$4.95	\$ 9.15	\$ 8.95	\$14.35	\$8.25	\$13.60	\$8.65	\$12.45	\$7.90	\$11.65
2	10 x 6-10	5.80	10.25	5.05	9.30	9.80	15.15	8.95	14.30	9.40	13.95	8.50	12.70
2	8 x 7-0	5.65	9.80	5.15	9.05	9.75	15.10	8.85	14.20	9.20	13.50	8.30	12.50
3	10 x 7-0	6.50	10.50	4.90	10.25	9.85	15.20	9.00	14.35	9.40	14.25	8.50	13.25
3	0 x 7-0	6.70	12.55	5.30	11.95	10.00	15.40	9.10	14.45	9.75	14.75	8.75	13.95

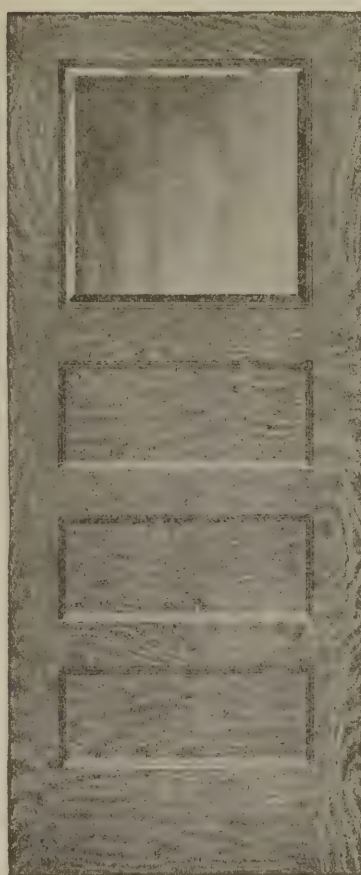
Only sizes listed are carried in stock. Prices on other sizes quoted upon application.

Hardwood Front and Vestibule Doors

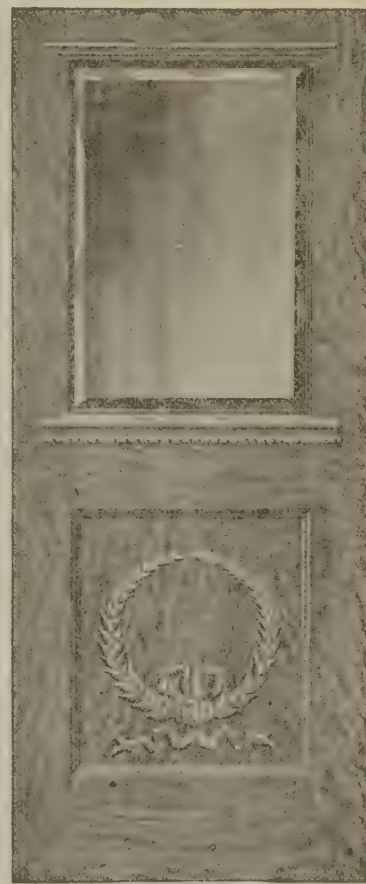
INCOMPARABLE IN QUALITY



MILTON



BURNS



WAGNER

"Quality and Style" is expressive of our Hardwood Doors, plus harmony, as shown in these Doors.
Read on previous pages how well all our Hardwood Veneer Doors are built. None more lasting.

To those preferring a medium size glass effect for a front door, our Wagner design satisfies this preference.

The Milton Door, used for the vestibule or side entrance, matches the Wagner front door to good effect.

The Burns Door is used mainly for vestibule and rear door purposes. May be utilized as a low priced front door if glazed with bevel plate. It is also used with plain D. S. A. glass. Makes a fine bathroom door if glazed "FLORENTINE."

Your attention is directed to the large built-up 3-ply panels in both the Milton and Wagner Doors, also the heavy aprons, caps, and the beautifully carved wreath.

Veneered Red Oak and Northern Birch, 1 $\frac{3}{4}$ Inch Thick

1 $\frac{3}{4}$ -INCH THICK]		PRICES OF MILTON				PRICES OF BURNS				PRICES OF WAGNER			
		Red Oak		Northern Birch		Red Oak		Northern Birch		Red Oak		Northern Birch	
		10-G-252 Glazed Clear D. S. A.	10-H-254 Glazed Bevel Plate	10-G-256 Glazed Clear D. S. A.	10-G-258 Glazed Bevel Plate	10-E-269 Glazed Clear D. S. A.	10-E-270 Glazed Bevel Plate	10-E-271 Glazed Clear D. S. A.	10-E-273 Glazed Bevel Plate	10-G-260 Glazed Clear D. S. A.	10-G-262 Glazed Bevel Plate	10-G-274 Glazed Clear D. S. A.	10-G-299 Glazed Bevel Plate
Width Ft. In.	Height Ft. In.												
2- 8	x 6- 8	\$5.10	\$6.90	\$4.40	\$6.15	\$4.70	\$6.70	\$3.95	\$5.95	\$6.05	\$8.45	\$5.35	\$7.70
2-10	x 6-10	5.80	7.80	4.95	7.00	5.40	7.55	.....	.....	6.75	10.30	.....	.....
2- 8	x 7- 0	5.75	7.85	4.90	6.95	5.30	7.50	.....	.....	6.70	10.15	.....	.....
2-10	x 7- 0	5.90	8.10	5.05	7.25	5.50	7.80	.....	.....	6.80	10.60	.....	.....
3- 0	x 7- 0	6.10	8.55	5.20	7.65	5.65	8.85	4.75	7.95	7.10	11.45	6.20	10.55

Only sizes listed carried in stock. Prices on other sizes upon application. Burns Doors furnished Glazed with Florentine glass at 10% extra over price of plain D. S. A. glass.

Hardwood Panel Doors

BEAUTIFY AND HARMONIZE THE INTERIOR



ELITE



ROSELAND



KENWOOD

Modern Interior Doors should harmonize with the exterior, especially with the front door. A perfect match can be made by the wide variety we offer.

The panels are laminated, that is, built up from several layers of veneer and core, the grain of the cores running in opposite directions. Thus one layer counteracts the working of the other layer next to it and the result is a continuous, non-warping panel.

The highest grade of workmanship goes into our Hardwood Doors. They are as beautifully flaked and figured as the front doors, therefore, will permit the finishing in the natural wood. Can be stained to imitate mahogany and other high priced woods.

The Birch Doors being naturally very close grained, will take the finest egg-shell and white enamel finish.

Veneered Red Oak and Northern Birch

Be Sure to State Thickness.		PRICE OF ELITE DOORS				PRICE OF ROSELAND DOORS				KENWOOD	
		Red Oak		Northern Birch		Red Oak		Northern Birch		Red Oak	N. Birch
		No. 10-J-9		No. 10-J-10		No. 10-J-7		No. 10-J-8		No. 10-J-335	No. 10-J-336
SIZES											
Width.	Height.	1 1/2-inch thick	1 3/4-inch thick	1 1/2-inch thick	1 3/4-inch thick	1 1/2-inch thick	1 3/4-inch thick	1 1/2-inch thick	1 3/4-inch thick	1 1/2-inch thick	1 3/4-inch thick
2-0	x 6-0	\$3.30	.....	\$2.80	.....	\$2.84	.....	\$2.29	.....	\$4.82	\$3.93
2-0	x 6-6	3.64	.....	.....	.....	3.15	.....	2.55	.....	5.14	4.17
2-4	x 6-6	3.65	.....	.....	.....	3.16	.....	2.57	.....	5.15	4.21
2-6	x 6-6	3.70	.....	2.85	.....	3.19	.....	2.58	.....	5.18	4.25
2-6	x 6-8	3.71	.....	.....	.....	3.20	.....	2.61	.....	5.10	4.13
2-2	x 6-8	3.72	.....	.....	.....	.....	.....	.....	.....	5.12	4.16
2-4	x 6-8	3.73	.....	2.88	.....	3.21	.....	2.62	.....	5.13	4.17
2-6	x 6-8	3.74	\$4.24	2.89	.....	3.22	.....	2.63	.....	5.14	4.18
2-8	x 6-8	3.78	4.25	2.93	.....	3.26	\$3.80	2.67	\$3.15	5.15	4.20
2-10	x 6-10	4.40	4.80	3.60	.....	3.90	4.75	2.68	3.80	6.01	4.89
3-0	x 7-0	4.20	.....	3.80	.....	3.70	.....	3.14	.....	5.68	4.60
2-2	x 7-0	4.25	.....	3.26	.....	.....	.....	.....	.....	.....	.....
2-4	x 7-0	4.26	.....	3.27	.....	.....	.....	.....	.....	.....	.....
2-6	x 7-0	4.27	4.78	3.28	3.75	3.72	.....	3.08	.....	5.72	4.64
2-8	x 7-0	4.34	4.79	3.37	3.85	3.75	4.33	3.10	3.58	5.74	4.68
2-10	x 7-0	4.50	4.80	3.60	3.95	3.83	4.34	3.11	3.60	5.75	4.70
3-0	x 7-0	4.65	5.10	3.63	4.10	4.10	4.65	3.20	3.79	5.95	4.80
								3.47	3.80	6.09	4.97

Only the sizes listed are carried in stock. Prices on other sizes upon application.

Important

It is not necessary that birch trim be used with birch doors, if you intend to use a modern Mission stain, because our yellow pine trim can be harmonized perfectly with the birch, bringing out the natural grain and obtaining a uniform color combination.

A great many of our customers are changing their original plans, by using these low priced birch doors with yellow pine and fir trim and none of our customers who have made this change, have regretted the expenditure of this small additional cost, nor will you.

Beautiful Bungalow Doors

DOUGLAS FIR OR NORTHERN BIRCH



COLUMBIA



DOUGLAS



VICTORIA

Triumph In Door Manufacture

No longer is it necessary to submit to the extortionate prices usually demanded for hardwood doors. Here are three beautiful designs especially adapted for the bungalow home. Well made and as strong and substantial as any other high grade door on the market. When finished, no one but an expert could distinguish them from the most expensive hardwood doors.

Douglas Fir is the most recent contender for public favor and is rightfully

entitled to a place in the front ranks with oak, birch and other high priced woods. The fir doors have laminated panels showing the beautifully figured grain with which highly satisfactory results are obtained in finishing. The Northern Birch is already well known as a hardwood that ranks with oak and by a happy combination of birch veneered panels with the soft wood stiles and rails, we are able to offer an extraordinary value.

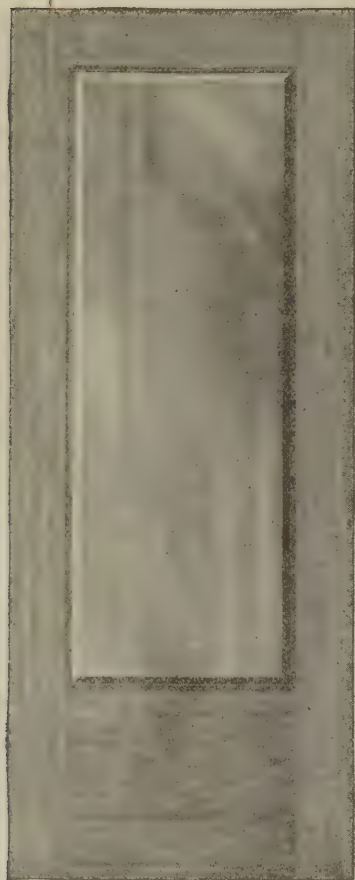
We furnish each of these handsome bungalow doors in either the magnificent old growth Douglas Fir of the Pacific Coast States or in Clear Northern birch veneered panels with soft wood stiles and rails. Both the Fir and Birch panels are 3-ply, solidly built.

SIZES			DOUGLAS FIR.						NORTHERN BIRCH.					
			COLUMBIA		DOUGLAS		VICTORIA		COLUMBIA "B"		DOUGLAS "B"		VICTORIA "B"	
			10-P-393 Glazed Clear D. S. A.	10-P-394 Glazed Beveled Plate	10-P-395 Glazed Clear D. S. A.	10-P-396 Glazed Beveled Plate	10-P-397 Glazed Clear D. S. A.	10-P-398 Glazed Beveled Plate	10-P-418 Glazed Clear D. S. A.	10-P-419 Glazed Beveled Plate	10-P-420 Glazed Clear D. S. A.	10-P-421 Glazed Beveled Plate	10-P-422 Glazed Clear D. S. A.	10-P-423 Glazed Beveled Plate
2-8	6-8	1 3/8"	\$4.49	\$6.24	\$6.08	\$8.05	\$4.87	\$7.06	\$5.72	\$7.90	\$7.57	\$9.88	\$6.37	\$8.88
2-8	7-0	1 3/4"	6.30	8.05	7.83	8.27	6.13	8.82	7.72	9.97	9.57	11.89	8.36	10.88
3-0	7-0	1 3/4"	6.63	8.38	8.21	8.65	6.52	9.25	8.14	10.25	10.00	12.34	8.76	11.33

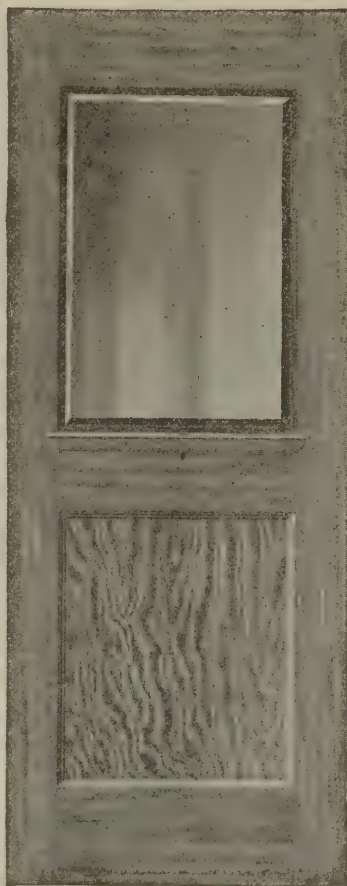
We list and carry in stock only three sizes of these Bungalow Doors but we can also furnish them in the following standard sizes: 2-10 x 6-8, 1 1/2" thick and 3-0 x 6-8, 1 1/2" thick. Price of either door same as 3-0 x 7-0 listed above.

Made From The Mighty Fir

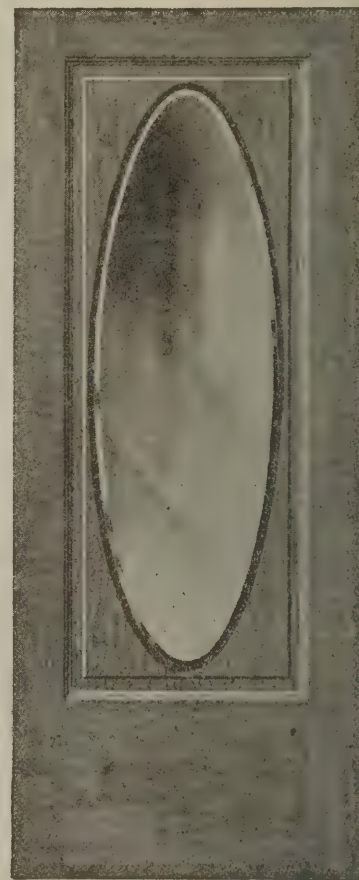
MONARCH OF ALL WESTERN WOODS



WASHINGTON



OREGON



PACIFIC

Hardwood Value at Softwood Investment.

Before this Pacific Coast product was considered a desirable commodity for the finer grades of workmanship this firm strong Fir-wood had been successfully exploited for many other purposes, was for many years the mainstay of the bridge, ship and wharf builders. Giant timbers were used in immense quantities. Fir Porch Columns are so well known that further comment is a waste of space. And during all this time only the rich and well-to-do could

afford to pay the price of Eastern Hardwoods, leaving the modest home builder out in the cold. But "Progress" never slumbers long and it is our pleasure to offer a share in our good fortune, since it is demonstrated that this choice soft grained wood is well suited to the finest kinds of interior work, principally Doors and interior Castings, Base, etc., and the supply is almost inexhaustible, vast acres of forests being as yet untouched to this day.

Practically all known hard woods can be successfully imitated with Fir, through the use of our various shades of stain and oils. For further particulars in regard to staining effects read page showing slash grain Fir trim following. All made from firm first class Lumber, A-No. 1, strictly Clear stock.

1½-inch Thick		PRICE WASHINGTON			PRICE OREGON			PRICE PACIFIC		
SIZES		10-P-378 Glazed Clear Glass D.S.A.	10-P-379 Glazed Bevel Plate Glass	10-P-380 Glazed Fancy Lace Design	10-P-381 Glazed Clear Glass D.S.A.	10-P-382 Glazed Bevel Plate Glass	10-P-383 Glazed Fancy Lace Design	10-P-390 Glazed Clear Glass D.S.A.	10-P-391 Glazed Bevel Plate Glass	10-P-392 Glazed Fancy Lace Design
Width Ft. In.	Height Ft. In.									
2- 6	x 6- 6	\$3.50	\$8.32	\$4.22	\$3.14	\$6.24	\$3.65	\$5.20	\$8.76	\$5.70
2- 8	x 6- 8	3.56	8.54	4.49	3.51	6.90	4.11	5.37	9.14	6.02
2-10	x 6-10	4.33	10.45	5.25	3.94	7.94	4.55	6.13	10.62	6.74
2- 8	x 7- 0	4.38	10.35	5.20	3.89	7.61	4.38	6.19	10.24	6.63
2-10	x 7- 0	...	...	...	4.33	8.54	5.09	6.24	11.17	7.50
3- 0	x 7- 0	4.44	10.62	5.59	4.38	8.65	5.59	6.30	11.30	7.60
2- 8	x 7- 6	5.37	11.50	....	....	....	....	7.06	11.55	....

Sizes listed and not priced cannot be furnished. Can furnish "Washington" Door 3'6" x 7'0" 1½" thick, glazed plain D.S.A. at \$9.10 and glazed Bevel Plate at \$18.65. All doors priced can be furnished 1¾ inches thick at \$1.25 extra, over price of 1½ inch except door 2' 6" x 6' 6".

Beautiful Fir Panel Doors

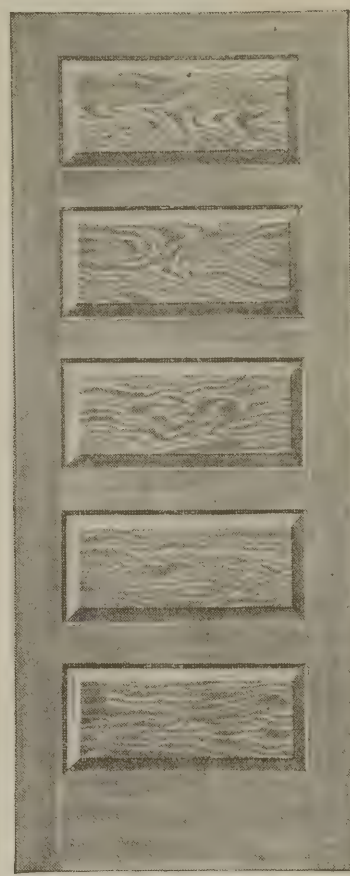
CROWNING ACHIEVEMENT OF DOORMAKING



OLYMPIA



SEATTLE



PORTLAND

Nearly all sections of the Fir lumber region produce about the same variety of Fir, and if any certain brand is more adaptable to the door makers craft than another, the species known as DOUGLAS FIR captures the crown.

OUR FIR DOORS are made with straight grain stiles and rails (best for strength) and with slash grain panels (preferred for beauty) thus forming that rare combination of **Power and Style**. Straight grain resists all warping and twisting tendencies. Panels in the 1 and 2 panel doors being laminated, or "built-up" prevents them from shrinkage and curling out of shape, because the built-up

process of three layers with the grain running in opposite directions which cannot help but keep them straight. Panels in the 5 Cross Panel Doors are thick **solid raised panels, not flat** as shown in picture.

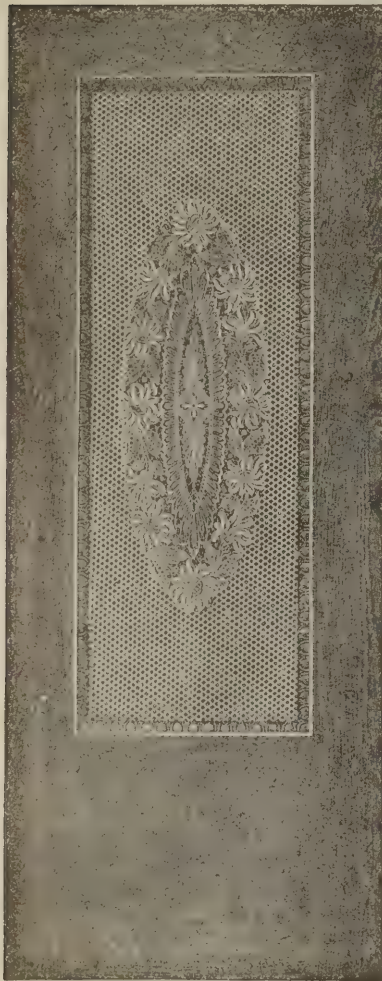
Reproductions on this page were taken after the doors were treated with Mahogany stain, bringing out the tiniest curls of the slash grain in the panels, blending gracefully with the soft tones of the straight wood stiles. Fir Doors being finished in this manner, show up to much better advantage than if varnished natural. **All first quality, A-No. 1. Clear Stock.**

Our Fir Doors Have Warp-Proof Panels

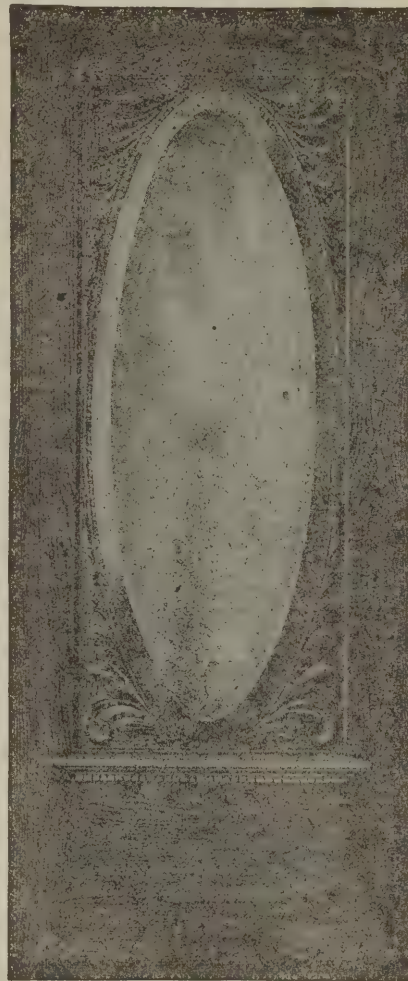
PRICE "OLYMPIA" DOORS				PRICE "SEATTLE"				PRICES "PORTLAND" DOORS RAISED PANELS					
SIZES		No. 10. K. 327 Thickness		No. 10. K. 326 Thickness		SIZES		No. 10. K. 325 Thickness		SIZES		No. 10-K-325—Contd. Thickness	
Width Ft. In.	Height Ft. In.	1 3/8"	1 3/4"	1 3/8"	1 3/4"	Width Ft. In.	Height Ft. In.	1 3/8"	1 3/4"	Width Ft. In.	Height Ft. In.	1 3/8"	1 3/4"
2-0	x 6-0	\$2.04	\$....	\$1.83	\$....	2-0	x 6-0	\$1.66	\$....	2-6	x 6-10	\$2.25	\$....
2-0	x 6-6	2.29	....	1.99	....	2-4	x 6-0	1.78	....	2-8	x 6-10	2.27	....
2-4	x 6-6	2.30	....	2.06	....	2-6	x 6-0	1.79	....	2-10	x 6-10	2.28	3.54
2-6	x 6-6	2.33	....	2.07	....	2-4	x 6-4	1.80	....	2-0	x 7-0	2.17	....
2-0	x 6-8	2.37	....	2.08	....	2-0	x 6-6	1.82	....	2-2	x 7-0	2.18	....
2-4	x 6-8	2.38	....	2.09	....	2-2	x 6-6	1.86	....	2-8	x 7-0	2.20	3.20
2-6	x 6-8	2.39	....	2.09	....	2-4	x 6-6	1.87	....	2-6	x 7-0	2.24	3.29
2-8	x 6-8	2.40	3.50	2.15	3.07	2-6	x 6-6	1.89	....	2-10	x 7-0	2.43	3.55
2-10	x 6-10	2.82	4.18	2.50	3.74	2-0	x 6-8	1.86	....	2-8	x 7-6	2.44	3.58
2-0	x 7-0	2.71	....	2.42	....	2-4	x 6-8	1.81	....	2-6	x 7-6	3.16	4.63
2-6	x 7-0	2.72	4.00	2.43	3.58	2-6	x 6-8	1.93	....	2-0	x 7-6	3.29	4.84
2-8	x 7-0	2.78	4.07	2.48	3.61	2-8	x 6-8	1.95	2.83	2-6	x 8-0	3.59	5.31
3-0	x 7-0	3.00	4.43	2.70	3.91	2-10	x 6-8	2.68	3.93	2-0	x 8-0	....	5.28
2-6	x 7-6	....	6.25	....	5.32	3-0	x 6-8	....	4.16				6.00
3-0	x 7-6	....	7.57	....	6.09								

High Grade Pine Front Doors

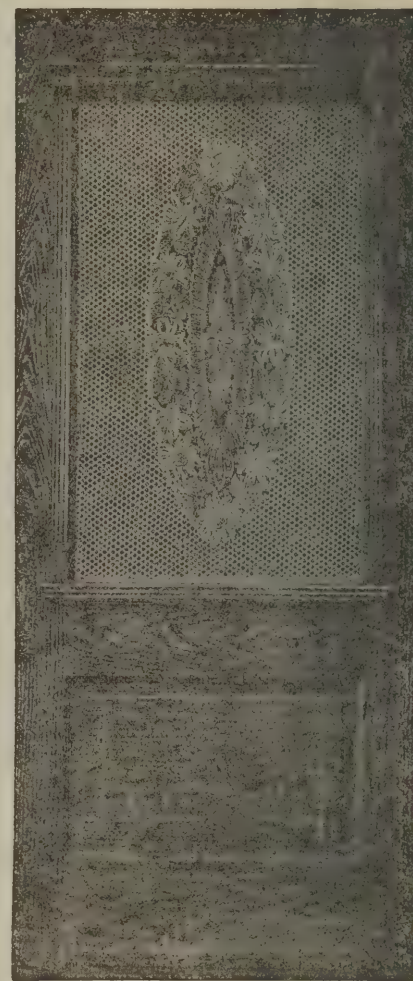
THE SOFT PINE FRONT DOORS—THE PEOPLE'S CHOICE



CHRYSANTHEMUM



ORANGE BLOSSOM



MAGNOLIA

Our fine line of **Soft Pine Front Doors** cannot be equalled for durability and wearing qualities. Weather defying in the **greatest** possible measure, you cannot possibly get greater **money measure**. Of solid, substantial construction, they resist the element's powers of destruction.

You want a door that is **strictly first-class**, a door that not only will class first at the start in the **highest rank**, but a door that will be in the race to the last, a door on which you can bank.

If you are a judge of **door value** you know that our doors represent **more value** than the price we ask. Having studied the door question ourselves from all sides and angles, the question remains with **you**, not whether you should buy **this** door or whether you should buy **that** door, but rather whether you should buy a **good door**. You have the pictures of such doors before you, **actual photographs**.

You cannot make a mistake, whatever your choice—you will choose a **good door**—at a low price.

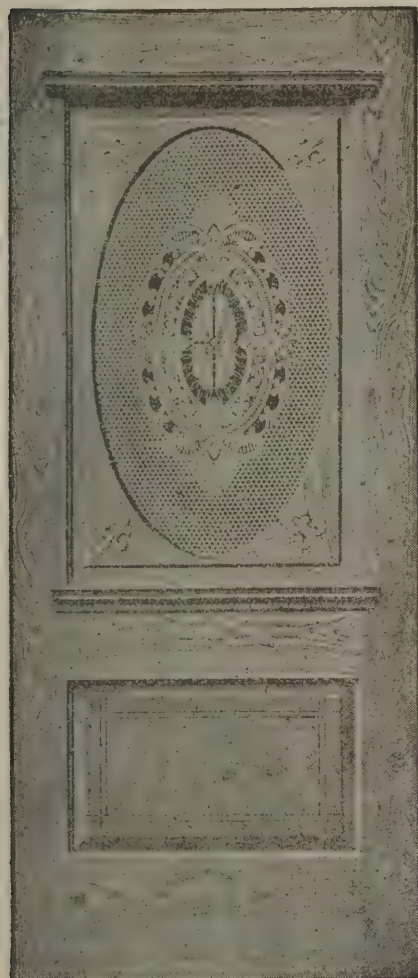
Clear and Clean---First quality Soft Pine---Suitable for oil finish.

1 1/2-inch Thick. SIZES.		CHRYSANTHEMUM.			ORANGE BLOSSOM.		MAGNOLIA.		
Width Ft. In.	Height Ft. In.	10-E-237. Glazed Lace as shown.	10-E-230. Glazed Clear D. S. A.	10-E-231. Glazed Beveled Plate.	10-J-13 Glazed Clear D. S. A.	10-J-14. Glazed Beveled Plate	10-E-238 Glazed Lace as Shown	10-E-232. Glazed Clear D. S. A.	10-E-233. Glazed Beveled Plate.
2-8	x 6-8	\$5.26	\$4.41	\$10.18	\$6.95	\$12.10	\$4.05	\$3.55	\$7.75
2-10	x 6-10	5.86	5.04	11.54	7.45	13.40	4.40	3.85	8.95
2-8	x 7-0	5.95	5.05	11.10	7.50	13.96	4.50	3.90	9.00
3-0	x 7-0	6.22	5.42	12.69	7.75	14.48	4.95	4.50	9.85

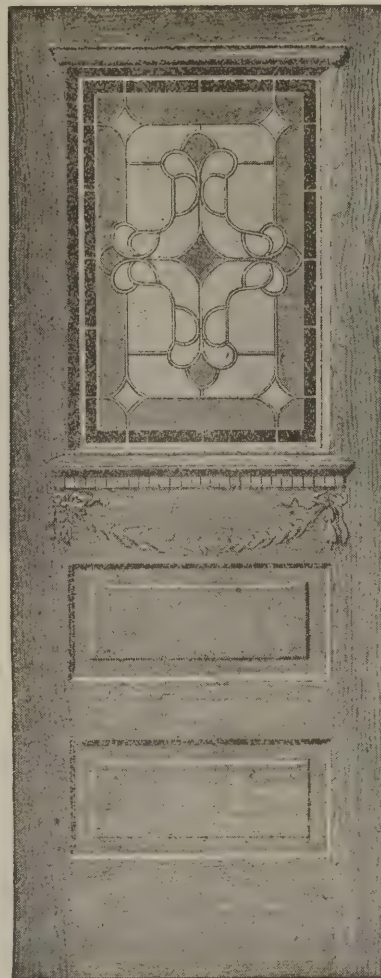
Any door on this page furnished 1 1/2 inches thick \$1.00 Extra.

Handsome Soft Pine Doors

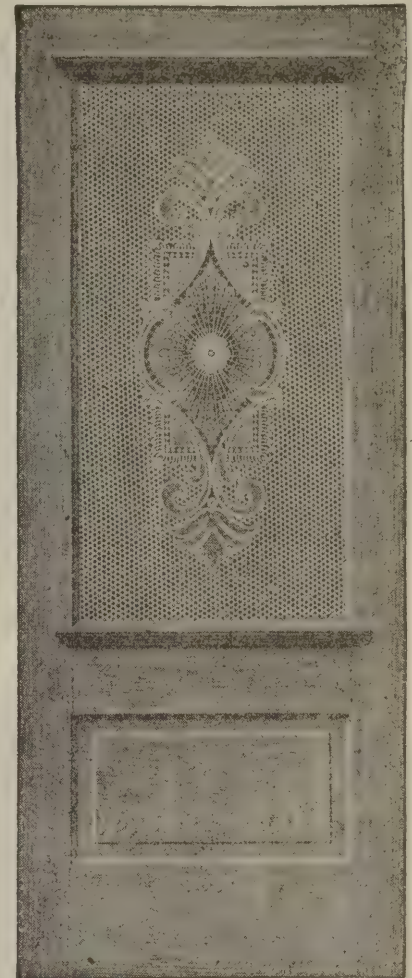
RIGHTFULLY ENTITLED—"THE POPULAR FAVORITES"



GOLDENROD



JESSAMINE



DEW DROP

"High quality and low price" is the slogan we have adopted and our constant aim is to furnish the best goods at lowest prices. This rule applies to Front Doors, but in addition to quality, there is another important point to consider: **Appearance**. If there is any single thing about a house from which it is customary to judge its occupants, that one thing is the front door. It creates an indefinable impression, something like you receive when you meet some one for the first time—you are affected favorably or the reverse.

All of our front doors are solidly built of carefully selected and thoroughly seasoned lumber, with mortised and tenoned joints, strongly glued, and as perfectly made as is possible with the aid of expert mechanics and the latest improved door-making machinery.

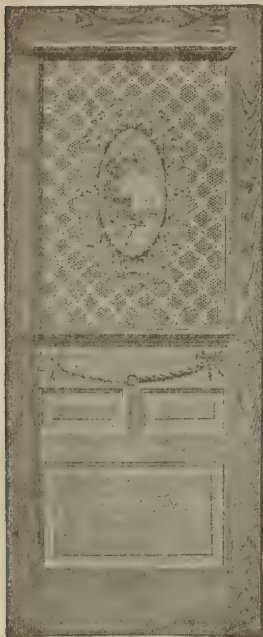
On this page we show three beautiful doors, any one of which is bound to make a favorable impression upon the visitor to your home. We furnish these doors glazed in the handsome lace and leaded art glass designs as illustrated, or in clear glass—either "A" quality D. S. or Beveled Plate.

Clear and Clean—First Quality Soft Pine—Suitable for Oil Finish

1 3/4" Thick SIZES		GOLDENROD			JESSAMINE			DEWDROP		
Width Ft. In.	Height Ft. In.	10-J-18 Glazed Lace as shown	10-J-17 Glazed Clear D. S. A.	10-J-19 Glazed Beveled Plate	10-H-330 Gla. Leaded Colored Art as shown	10-H-331 Glazed Clear D. S. A.	10-H-332 Glazed Beveled Plate	10-G-324 Glazed Lace as shown	10-C-323 Glazed Clear D. S. A.	10-C-372 Glazed Beveled Plate
2-8	6-8	\$5.40	\$4.95	\$7.10	\$6.55	\$3.80	\$6.00	\$5.26	\$4.13	\$7.74
2-10	6-10	5.65	5.20	7.50	7.35	4.20	7.50	5.71	4.80	8.98
2-8	7-0	5.80	5.30	7.95	7.98	4.40	7.70	5.66	4.75	9.05
3-0	7-0	6.00	5.60	9.50	8.15	4.45	7.80	6.26	5.25	9.83

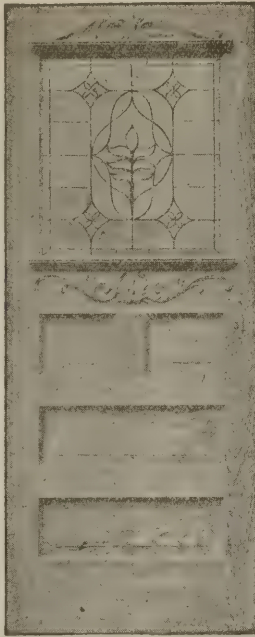
Any door on this page furnished 1 3/4" thick, \$1.00 extra

Durable Front Doors—Wonderful Values



SNOW FLAKE

10-G-315 Glazed Plain D. S. A.	10-G-316 Glazed Lace as Shown
\$3.70	\$4.43
4.28	4.96
4.52	5.33
4.73	5.51



SUNSET

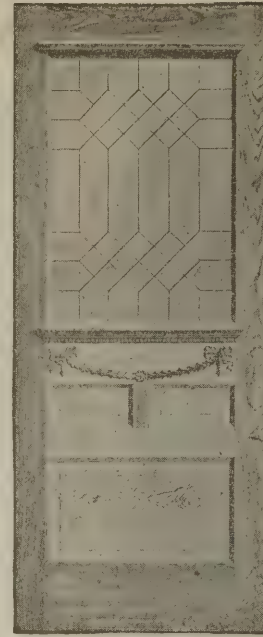
10-G-320 Glazed Colored Art	10-G-321 Glazed Plain D. S. 1 Light	10-G-322 Glazed 1 L't Bev. Plate
\$7.59	\$3.89	\$6.36
8.84	4.55	8.05
8.48	4.50	7.18
9.75	4.74	8.75

FIRST QUALITY CLEAR SOFT PINE

Always in the lead. We are showing front doors on this page with entirely new glass effects. Quality has been strictly maintained, and comparison will show our prices must be considered extremely low, bearing in mind the fact we guarantee the soft pine Front Door to be equal or better in grade to any others that are offered on the market, you will know that for one low price you are buying quality, originality and durability.

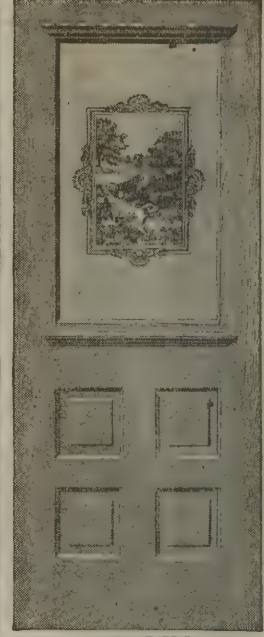
"RADIANCE" is sold in leaded glass, as shown, of crystal clearness, also with one solid glass bevel plate and leaded bevel plate as shown in design. It is impossible here to show the colors in our "SUNSET" Door, but rest assured the design selected is most pleasing, a harmonious blending of various shades typical of a sunset scene.

For any door on this page
1½ inches thick add \$1.00



RADIANCE

10-G-317 Glazed Leaded Crystal	10-G-318 Glazed 1 L't Bev Plate	10-G-319 Glazed Lead. Bev. Plate
\$6.13	\$7.41	\$11.33
7.20	8.68	12.66
7.29	8.72	12.76
7.98	9.72	14.05

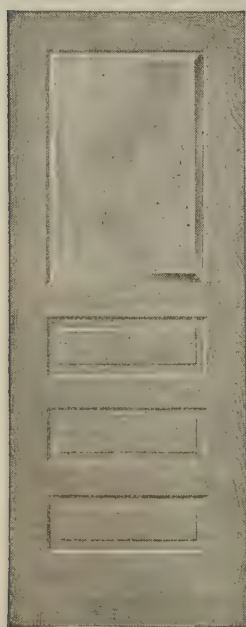


DEWBELL

10-H-338 Glazed Plain D. S. A.	10-H-339 Glazed as Shown
\$3.17	\$3.42
3.63	3.88
3.78	3.99
3.92	4.12

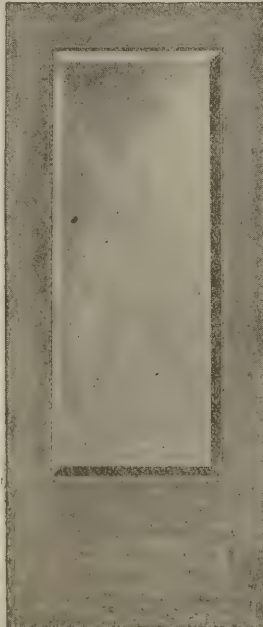
1½ Inches Thick SIZES

Width Ft. In.	Height Ft. In.
2-8 x	6-8
2-10 x	6-10
2-8 x	7-0
3-0 x	7-0



GOLDEN GLOW

10-H-333 Glazed Clear D. S. A.	10-H-334 Glazed Beveled Plate
\$2.50	.....
3.08	\$5.28
3.58	6.67
3.78	6.95
3.88	7.20



HONEYSUCKLE

10-G-15 Glazed Clear D. S. A.	10-G-16 Glazed Beveled Plate
.....
\$4.41	\$10.18
5.04	11.54
5.05	11.10
5.42	12.69

FIRST QUALITY CLEAR SOFT PINE

Here is portrayed a quartet of door values not to be excelled in quality and impossible to match in price. "GoldenGlow" with clear glass, or glazed beveled plate as illustrated, is a decorative addition to any residence. Our "Honeysuckle" door is a plain design, well built to support the full length glass. "Holly" has a long glass with artistic moulding all around and will be quite appropriate for some styles of houses. Look at the picture of our "Pond Lily" door and consider the remarkable bargain we offer. A very pretty little water scene is depicted in the glass design as shown in illustration.

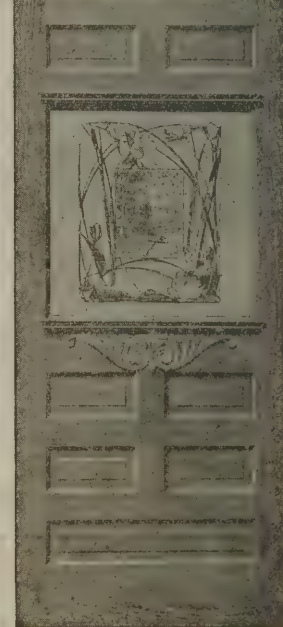
Taking quality and price into consideration, we are confident that this page of door values cannot be duplicated. Will take any kind of finish—oil, paint or enamel.

For any door on this page
1½ inch thick add \$1.00



HOLLY LACE

10-J-23 Glazed Plain D. S. A.	10-J-24 Glazed as Shown	10-J-27 Glazed Beveled Plate
\$2.75	\$3.50	.....
3.20	3.85	\$7.90
3.75	4.40	8.75
3.75	4.25	9.05
3.95	4.50	9.95



POND LILY

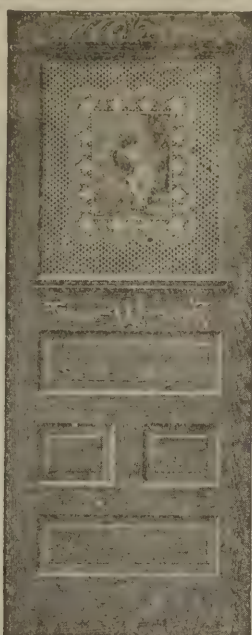
10-G-356 Glazed Plain D. S. A.	10-G-357 Glazed as Shown
\$2.89	\$3.29
3.06	3.50
3.58	4.00
3.59	4.01
3.76	4.22

Artistic Front Doors—Lowest Prices



LAUREL

10-G-347 Glazed Lace Design As shown	10-G-348 Glazed Clear D. S. A.
\$6.26	\$5.66
6.58	5.79
7.09	6.45
7.14	6.43
7.83	6.95



POSY

10-E-358 Glazed Clear D. S. A.	10-E-359 Glazed Lace Design as shown
\$3.50	\$3.95
3.65	4.08
4.08	4.55
4.20	4.62
4.36	4.80

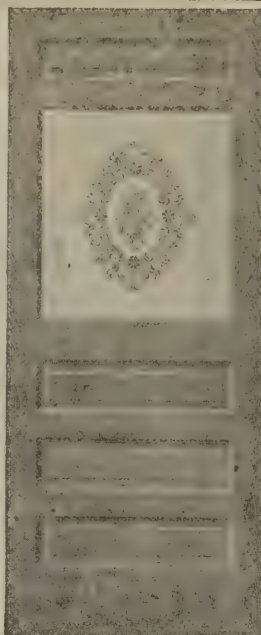
FIRST QUALITY CLEAR SOFT PINE

We have made it a point to show a large variety of Front Door designs so that there may be freedom of choice in addition to relief from high prices and buyers will have so many styles from which to choose that no difficulty will be experienced in picking out one or more suitable designs.

Our "Mignonette" is a plain, cross-paned door with an almost square light of glass. "Posy" design is ornamented by mouldings and carvings. Our "Laurel" door is an unusual value; glazed with long oval glass, combination scenic and lace effect. A heavy, raised panel surrounds it. This is strictly a door of merit and at our price a great bargain. Many will be attracted by the beautiful "Rosebud" design with its artistic Battenburg lace glass, very intricate and exclusive.

We are justly proud of our ability to offer these door values to the home builders of this country.

For any door on this page
1½ inch thick add \$1.00



MIGNONETTE

10-E-32 Glazed Clear D. S. A.	10-E-33 Glazed Lace design As shown
\$2.50	\$2.75
2.60	2.90
3.15	3.30
3.15	3.30
3.25	3.50



ROSEBUD

10-G-363 Glazed Lace Design As shown	10-G-364 Glazed Beveled Plate.
\$6.31	\$8.18
6.63	9.48
7.15	10.32
7.19	10.00
7.88	11.65

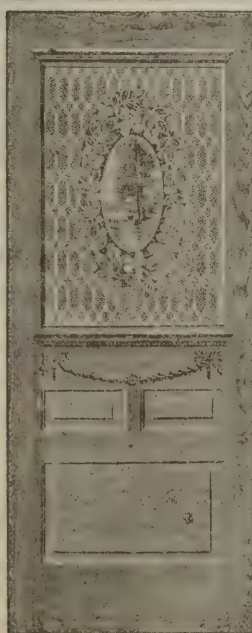
Prices for 1¾-inch Thick SIZES

Width Ft. In.	Height Ft. In.
2-6 x	6-6
2-8 x	6-8
2-10 x	6-10
2-8 x	7-0
3-0 x	7-0



FORGET-ME-NOT

10-E-34 Glazed Clear D. S. A.	10-E-35 Glazed Lace design as shown
\$3.45	\$3.85
3.60	4.02
4.40	4.59
4.30	4.59
4.60	4.78



LARKSPUR

10-G-373 Glazed Lace Design As shown	10-G-374 Glazed Clear D. S. A.
\$4.27	\$3.46
4.33	3.60
4.86	4.18
5.23	4.42
5.41	4.63

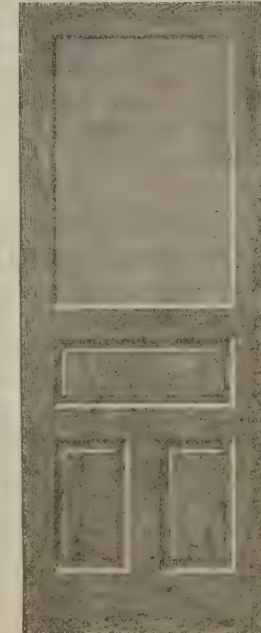
FIRST QUALITY CLEAR SOFT PINE

Others may show these designs and some may be able to duplicate the price, but none can meet us in design, quality and price at the same time. These doors are strictly "A" quality, by which term is meant the highest grade. They are well manufactured in every respect, made by skilled workmen with the aid of the latest improved machinery.

"Forget-me-not" design has been sold by us for several years and has proved very popular. It is well adapted to plain, unpretentious little cottages. "Larkspur" door is more decorative, having a strand of carving under the glass and a neat panel arrangement. Our "Tulip" and "Violet" designs are quite plain and free from ornamentation. This is where real character tells. Our plainest doors are so perfectly constructed and accurately proportioned that the high quality is readily apparent.

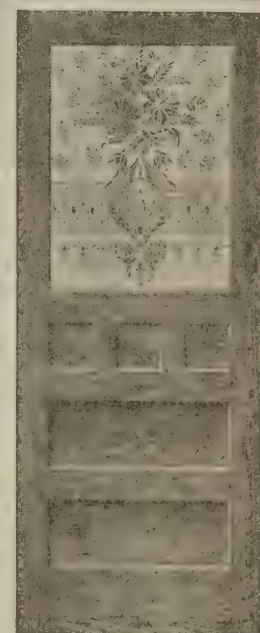
These doors will take any kind of finish—oil, paint or enamel.

For any door on this page
1½ inch thick add \$1.00



TULIP

10-E-40 Glazed Clear D. S. A.	10-E-388 Glazed Chipped or Frosted Glass
\$3.10	\$3.50
3.25	3.70
3.82	4.25
3.82	4.25
4.02	4.50



VIOLET

10-E-36 Glazed Clear D. S. A.	10-E-37 Glazed Flower design As shown
\$2.65	\$2.80
2.85	2.95
3.20	3.40
3.20	3.40
3.50	3.60

Soft Pine Doors with Y. P. Panels

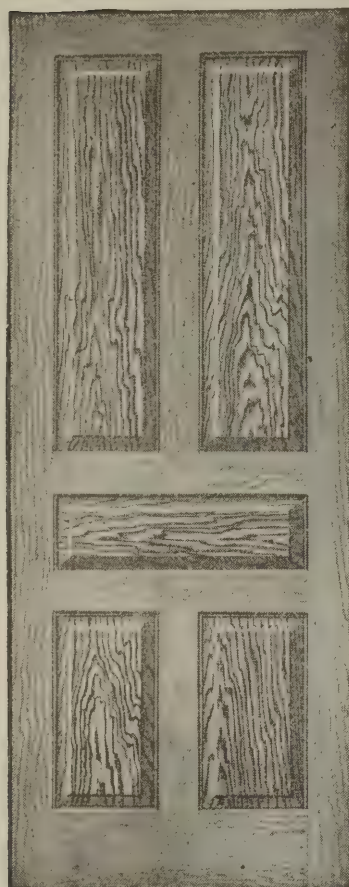
SOFT PINE STILES AND RAILS WITH YELLOW PINE PANELS

Best Quality Best Workmanship

Our superior doors made with Yellow Pine panels and white soft pine stiles and rails (which form the rim around the panels), have always been a great favorite wherever a particular job of oil finishing or natural finishing was wanted. The reason for this is plain, because it is customary to select all the lumber for this class of doors and are listed only, therefore, in one grade, strictly for oil finishing purposes. As shown in the two illustrations the somewhat darker shade on the panels form a very pleasing contrast with the whiteness of the surrounding rim, but the difference in the shade may not be quite as prominent in the actual doors, as shown in the design. It is very difficult to picture the exact contrast.

These are the doors that we usually furnish in connection with our other high grade material for our regular and special house designs, unless the specifications are changed to another kind of wood.

Being a thorough, first class door as to quality of material, the same thoroughness has been carried out in their manufacture; all cross pieces being blind-tenoned into the stiles or side pieces, and panels of good thickness.



10-F-60.



10-F-61.

CLEAR YELLOW PINE PANELS

CLEAR SOFT PINE STILES AND RAILS

No. 10-F-60.

SIZES		5 Regular Panel Doors "A" Quality	
Width. Ft. In.	Height. Ft. In.	1½-inch thick.	1¾-inch thick.
2-0 x 6-0		\$1.70	\$
2-0 x 6-6		1.90	
2-2 x 6-6		1.93	
2-4 x 6-6		1.94	
2-6 x 6-6		1.97	
2-0 x 6-8		1.95	
2-2 x 6-8		1.96	
2-4 x 6-8		1.97	
2-6 x 6-8		1.98	
2-8 x 6-8		2.02	3.17
2-10 x 6-10		2.39	3.79
2-0 x 7-0		2.23	
2-2 x 7-0		2.30	
2-4 x 7-0		2.31	
2-6 x 7-0		2.32	3.65
2-8 x 7-0		2.39	3.74
2-10 x 7-0		2.57	3.88
3-0 x 7-0		2.58	4.05

CLEAR YELLOW PINE PANELS

CLEAR SOFT PINE STILES AND RAILS

No. 10-F-61.

SIZES		5 Cross Panel Doors "A" Quality.	
Width. Ft. In.	Height. Ft. In.	1½-inch thick.	1¾-inch thick.
2-0 x 6-0		\$1.78	\$
2-0 x 6-6		1.93	
2-2 x 6-6		2.04	
2-4 x 6-6		2.05	
2-6 x 6-6		2.07	
2-0 x 6-8		2.03	
2-2 x 6-8		2.04	
2-4 x 6-8		2.05	
2-6 x 6-8		2.11	
2-8 x 6-8		2.13	3.26
2-10 x 6-10		2.50	3.89
2-0 x 7-0		2.38	
2-2 x 7-0		2.39	
2-4 x 7-0		2.40	
2-6 x 7-0		2.41	3.74
2-8 x 7-0		2.43	3.84
2-10 x 7-0		2.55	4.07
3-0 x 7-0		2.67	4.16

Quality Soft Pine Panel Doors

QUANTITY AND QUALITY IN ABUNDANCE

MAMMOTH STOCKS

We carry in stock and can make prompt shipment of all sizes, thicknesses and grades of doors on this page.

By the term "A" Quality, we mean the best of clear, selected stock of the highest grade, suitable for any style of finish. We get our "B" Quality doors by a careful re-grading of our "A" doors, as we occasionally sort out some which are not quite up to standard. Thus our "B" doors run much better than the ordinary "B" grade. We do not recommend our "B" doors for Oil Finish but they are entirely suitable for paint, stain or enamel finish.

SUPERIOR FINISH

We are positive that grade for grade our very low prices on these doors cannot be duplicated.

All of our panel doors are made by the same process, with extra strong joints, mortised and tenoned.

Now, remember, in ordering doors, always specify "A" quality for a good oil finish job. The "B" grade is all right for nice work in Paint and stain. We know that our prices cannot possibly stand in the way of making the best selection, as we are offering **High Grade Doors** for less than they can be obtained elsewhere.

4 Panel 10-G-56

5 Panel 10-G-57

5 Cross Panel 10-G-59

FOUR PANEL DOORS

SOFT PINE
No. 10-G-56

SIZES Ft.In. Ft.In.	Thick In.	"A" Quality	"B" Quality
2-0 x 6-0	1 1/8	\$1.50	\$1.43
2-6 x 6-6	"	1.81	1.64
2-8 x 6-8	"	1.86	1.68
3-0 x 7-0	"	2.55	2.26
2-0 x 6-0	1 3/8	1.75	1.58
2-6 x 6-6	"	2.01	.....
2-8 x 6-8	"	2.57	.....
2-4 x 6-4	"	1.83	.....
2-0 x 6-6	"	1.89	1.71
2-2 x 6-6	"	1.94	1.74
2-4 x 6-6	"	1.95	1.75
2-6 x 6-6	"	2.00	1.79
2-0 x 6-8	"	1.92	1.73
2-2 x 6-8	"	1.97	1.82
2-4 x 6-8	"	1.98	1.81
2-6 x 6-8	"	2.06	1.84
2-8 x 6-8	"	2.07	1.85
2-6 x 6-10	"	2.37	.....
2-10 x 6-10	"	2.38	2.14
2-0 x 7-0	"	2.35	2.15
2-2 x 7-0	"	2.36	2.17
2-4 x 7-0	"	2.39	2.12
2-6 x 7-0	"	2.40	2.13
2-8 x 7-0	"	2.45	2.23
2-10 x 7-0	"	2.54	2.30
3-0 x 7-0	"	2.64	2.39
2-8 x 6-8	1 3/4	3.12	2.82
2-10 x 6-10	"	3.73	3.36
2-6 x 7-0	"	3.60	3.23
2-8 x 7-0	"	3.70	3.22
2-10 x 7-0	"	3.81	3.45
3-0 x 7-0	"	3.98	3.60

FIVE PANEL DOORS

SOFT PINE
No. 10-G-57

SIZES Ft. In. Ft. In.	Thickness Inches	Prices "A" Quality	Prices "B" Quality
2-0 x 6-0	1 3/8	\$1.90	\$1.70
2-0 x 6-6	"	2.11	1.89
2-2 x 6-6	"	2.12	1.90
2-4 x 6-6	"	2.13	1.91
2-6 x 6-6	"	2.17	1.95
2-0 x 6-8	"	2.18	1.96
2-2 x 6-8	"	2.19	1.97
2-4 x 6-8	"	2.20	1.98
2-6 x 6-8	"	2.24	1.99
2-8 x 6-8	"	2.25	2.00
2-10 x 6-10	"	2.69	2.38
2-0 x 7-0	"	2.54	2.27
2-2 x 7-0	"	2.55	2.28
2-4 x 7-0	"	2.57	2.28
2-6 x 7-0	"	2.56	2.30
2-8 x 7-0	"	2.62	2.35
2-10 x 7-0	"	2.71	2.42
3-0 x 7-0	"	2.83	2.53
2-6 x 7-6	"	3.80	.....
2-8 x 7-6	"	3.96	.....
3-0 x 7-6	"	4.35	.....
2-6 x 8-0	"	4.30	.....
3-0 x 8-0	"	4.92	.....
2-8 x 6-8	1 1/4	3.27	.....
2-10 x 6-10	"	3.95	.....
2-6 x 7-0	"	3.81	.....
2-8 x 7-0	"	3.88	.....
2-10 x 7-0	"	4.01	.....
3-0 x 7-0	"	4.16	.....

FIVE CROSS PANEL DOORS

SOFT PINE
No. 10-G-59

SIZES		1 3/8 Inch Thick	
Width Ft. In.	Weight Ft. In.	"A" Quality	"B" Quality
2-0 x 6-0		\$1.98	\$1.65
2-0 x 6-6		2.00	.....
2-6 x 6-6		2.01	1.89
2-0 x 6-8		2.25	.....
2-6 x 6-8		2.30	1.92
2-8 x 6-8		2.32	1.93
2-10 x 6-10		2.75	2.32
2-0 x 7-0		2.65	.....
2-6 x 7-0		2.66	2.23
2-8 x 7-0		2.73	2.29
3-0 x 7-0		2.93	2.41

SIZES		1 1/4 Inch Thick
Width Ft. In.	Height Ft. In.	"A" Quality
2-8 x 6-8		\$3.41
2-10 x 6-10		4.02
2-6 x 7-0		3.89
2-8 x 7-0		3.99
3-0 x 7-0		4.29

In ordering Doors be sure and specify Kind, Style, Thickness, Grade, how many panels and Catalog number.

Painted and Grained Sash Doors



POPPY



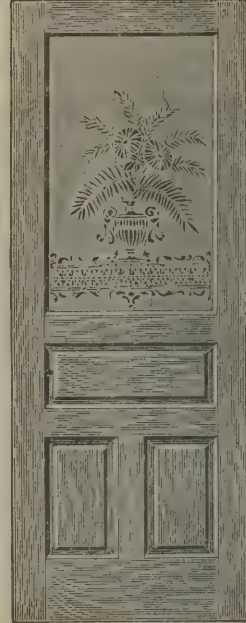
DANDELION

Painted a High Gloss Finish, or Grained Imitation Quarter-Sawed Oak

The process we use in finishing these doors is the best known to the trade and the coating that is applied can be guaranteed to last as long as the door itself. Our painted doors are given a high gloss finish and our grained doors are a close imitation of quarter-sawed oak. Painted doors are recommended for portable or temporary buildings, or any purpose where a high grade door is not required. A grained sash door answers the purpose quite satisfactorily as a rear outside door in even a high class residence.

Note.—These doors are hand painted and hand grained, made from bright new lumber, manufactured alongside our A quality doors, guaranteed to prove as strong and lasting as any other new painted and grained doors, no matter by whom made or sold.

Important.—We have found it necessary to discontinue the manufacture of Grained Doors owing to the decreasing demand for this class of door, and suggest that you order our Painted Doors instead. We still have a limited supply of sizes on hand in the different patterns which we are offering **SUBJECT TO PRIOR SALE ONLY.** If you must have **GRAINED DOORS**, order **AT ONCE—DO NOT DELAY.**



BUTTERCUP

PRICES OF POPPY				PRICES OF DANDELION				1½-inch thick. SIZES. Width. Height. Ft. In. Ft. In.	PRICES OF BUTTERCUP			
Painted.		Grained.		Painted.		Grained.			Painted.		Grained.	
No. 10K429 Glazed Clear Glass.	No. 10K430 Glazed Frosted Glass.	No. 10K431 Glazed Clear Glass.	No. 10K432 Glazed Frosted Glass.	No. 10K433 Glazed Clear Glass.	No. 10K434 Glazed as shown.	No. 10K435 Glazed Clear Glass.	No. 10K436 Glazed as shown.		No. 10K425 Glazed Clear Glass.	No. 10K426 Glazed as shown.	No. 10K427 Glazed clear Glass.	No. 10K428 Glazed as shown.
\$2.31	\$2.59	\$2.80	\$2.98	\$2.42	\$2.67	\$2.80	\$3.08	2- 6 x 6- 6	\$2.94	\$3.33	\$3.37	\$3.79
2.49	2.70	2.88	3.14	2.60	2.81	3.00	3.26	2- 8 x 6- 8	3.19	3.59	3.64	4.08
2.88	3.14	3.30	3.57	2.99	3.22	3.44	3.67	2-10 x 6-10	.....	.....	.....	.....
2.88	3.14	3.30	3.57	2.99	3.22	3.44	3.67	2- 8 x 7- 0	.....	.....	.....	.....
3.10	3.30	3.48	3.72	3.08	3.33	3.56	3.79	3- 0 x 7- 0	4.02	4.41	4.55	4.99



ECONOMY



ROCKBOTTOM

Sash Doors

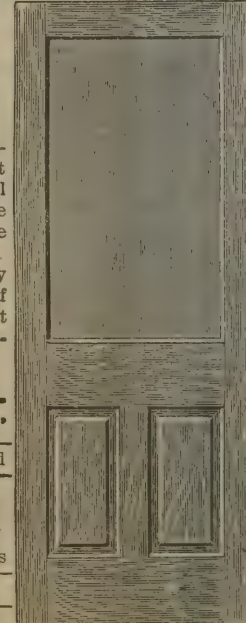
Real Bargains—Painted or Grained

Whatever the low prices named on these three doors may indicate to you, do not be persuaded or make yourself believe that they are not good values. Such surplus stock of lumber as will not work up to a higher grade is used for the manufacture of these doors and the price has been kept down so low that it is impossible to make a door at a lower price.

If you intend to paint your woodwork anyway, you not only can buy these doors so much cheaper here but save the price of paint and labor as well. This is a double saving. Do you see it that way? Then get in the money saving, economical and rock bottom class.

PRICES

1½-inch thick. SIZES W'th. H'th Ft. Ft. In. In.	"Money Saver"		"Economy"		"Rock Bottom"	
	Painted	Grained	Painted	Grained	Painted	Grained
No. 10K53 Glazed Clear D.S.glass	No. 10K437 Glazed Clear D.S.glass	No. 10K54 Glazed Clear S.S.glass	No. 10K438 Glazed Clear S.S.glass	No. 10K55 Glazed Clear S.S.glass	No. 10K439 Glazed Clear S.S.glass	
2-6 x 6-6	\$2.81	\$3.23	\$2.42	\$2.80	\$2.37	\$2.76
2-8 x 6-8	3.19	3.64	2.73	3.14	2.55	2.96
3-0 x 7-0	4.24	4.79	3.38	3.86	3.08	3.55



MONEYSAVER

Painted and Grained Panel Doors

Price List Painted Doors

Painted only—NOT GRAINED

Four Panel Painted—Order by No. 10-P-287.

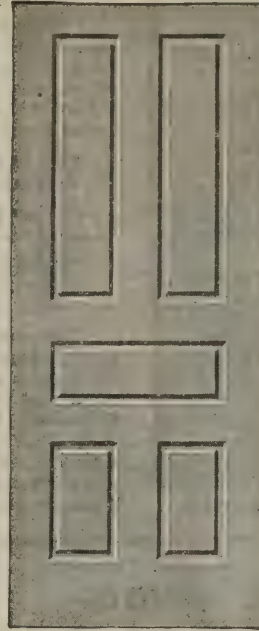
Five Regular Panel Painted—Order by No. 10-P-295.

Five Cross Panel Painted—Order by No. 10-P-296.

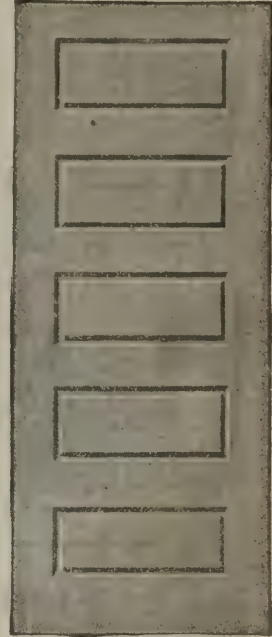
SIZES		Thick- ness	10-P-287	10-P-295	10-P-296
Width Ft. In.	Height Ft. In.		Four Panels Painted	5 Regular Panels Painted	5 Cross Panels Painted
2—0	x 6—0	1½	\$1.08	These 3 sizes are not carried in stock in 5 Regular or Cross pan- el in 1½ in. thickness.	
2—6	x 6—6	"	1.25		
2—8	x 6—8	"	1.30		
2—0	x 6—0	1¾	1.23	\$1.30	\$1.44
2—6	x 6—6	"	1.35	1.43	1.56
2—6	x 6—8	"	1.42	1.49	1.63
2—8	x 6—8	"	1.44	1.51	1.65
2-10	x 6-10	"	1.62	1.69	1.83
2—6	x 7—0	"	1.66	1.73	1.87
2—8	x 7—0	"	1.67	1.74	1.88
3—0	x 7—0	"	1.68	1.75	1.89



10-P-287



10-P-295



10-P-296

We Make Only One Grade—The Best That Good Workmen and Material Can Produce

These are good looking, solid and substantial doors. For practical purposes our painted and grained doors are plenty good enough as they are well-built, strong and durable. Our Painted Doors are given a smooth finish coat of solid color. Our Grained Doors are finished in a very close imitation of beautifully figured oak. The extra value is due to a remarkable process of finishing material which is not sufficiently high grade to put in a first-class, oil finish door. The small defects are completely covered with a permanent coat of specially prepared paint or graining color.

Doors Grained in Imitation of Quarter-Sawed Oak

Price List Grained Doors

First Painted, then Grained.

Important: All Grained Doors listed and shown on this page offered subject to Prior Sale. Stock being closed out.

Four Panel Grained—Order by No. 10-P-288.

Five Regular Panel Grained—Order by No. 10-P-297.

Five Cross Panel Grained—Order by No. 10-P-298.

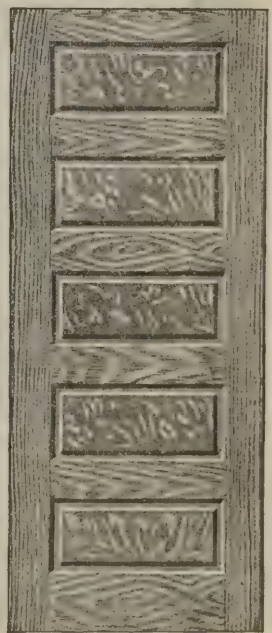
SIZES		Thick- ness	10-P-288	10-P-297	10-P-298
Width Ft. In.	Height Ft. In.		Four Panels Grained	5 Regular Panels Grained	5 Cross Panels Grained
2-0	x 6-0	1½	\$1.41	These 3 sizes are not carried in stock in 5 Regular or Cross panel in 1½ in. thickness.	
2-6	x 6-6	"	1.53		
2-8	x 6-8	"	1.59		
2-0	x 6-0	1¾	1.53	\$1.57	\$1.72
2-6	x 6-6	"	1.64	1.72	1.87
2-6	x 6-8	"	1.71	1.79	1.93
2-8	x 6-8	"	1.75	1.82	1.96
2-10	x 6-10	"	1.96	2.03	2.17
2-6	x 7-0	"	2.00	2.06	2.23
2-8	x 7-0	"	2.01	2.07	2.24
3-0	x 7-0	"	2.02	2.08	2.25



10-P-288



10-P-297



10-P-298

Sliding Doors and Inside Frames



Double Sliding or Folding Doors.

PINE—SLIDING DOORS—OAK

No. 10-H-62. SINGLE SLIDING DOOR shown to the right has Yellow Pine Panels and soft pine Stiles and Rails to match our Yellow Pine panel doors listed on previous page. Carried in stock in only usual size, 5 feet x 7 feet, 1 1/4 inch thick and sold at the unusual low price of, each..... **\$6.30**

No. 10-H-62 1/2. Same as above except 1 1/4 inch thick. Price..... **\$8.89**

No. 10-H-337. Single Sliding Door, Veneered Clear Red Oak. Size 5 feet x 7 feet, 1 1/4 in. thick. Price..... **\$10.95**

SLIDING DOORS IN PAIRS

Illustration to the left shows a pair of doors, representing sliding or folding doors. For prices refer to previous pages on single doors and figure just double the price. Example: For a pair sliding doors for an opening 5 feet wide by 7 feet high, cross panels as shown, with Y. P. Panels, see price on single door No. 10-G-61—size 2 ft. 6 in. wide by 7 ft. high (2 ft. 6 in. being half the width of a 5 foot opening) and figure twice the price. The same rule applies to Oak, Birch and Fir doors in pairs.



Single Sliding Door.

Inside Jambs For Doors or Openings

Lumber from which our interior jambs are made is cut smooth and true, clear face stock. Side jambs dadoed for heads, heads cut square and straight. Prices do not include inside doorstops, which are extra. See price list below. Also listed elsewhere in this catalog. About 20 lineal feet of stops required for each inside frame.

Clear Yellow Pine and Clear Red Oak

Prices for Regular Standard Door Jambs Without Stops

No. 10-G-101—Inside door jambs for 2x4 studding, for doors 3 ft. by 7 ft., or smaller sizes—Yellow Pine— **49c**
Price each.....

No. 10-G-602—Inside door jambs for 2x4 studding, for doors 2 ft. 6 in. by 6 ft. 6 in., or smaller sizes—Red Oak—**.86c**
Price each.....

No. 10-G-603—Same as above except for sizes up to 2 ft. 8 in. by 6 ft. 8 in.—Red Oak—Price each.....**.97c**

No. 10-G-604—Same as above except for sizes up to 3 ft. by 7 ft.—Red Oak. Each.....**\$1.05**

SPECIAL—Add for Yellow Pine stops to price of Yellow Pine jambs per set.....**.10c**

SPECIAL—Add for Red Oak stops to price of Red Oak jambs per set.....**.20c**

Inside Cased Opening Jambs

Cased opening jambs are made the same as regular standard door jambs except for wider and higher openings. Price covers one complete frame made for 2x4 studding without stops. For stops see elsewhere on the moulding pages.

Size Ft.In.Ft.In.	10-J-625 Yellow Pine	10-J-626 Plain Red Oak
5-0 x 7-0	\$0.65	\$1.35
8-0 x 8-0	.75	1.50
9-0 x 9-0	1.05	2.05

Door Jambs

49c

and up.

Clear Slash Grain
Fir Jambs, same
price as Red
Oak

Unselected Birch
Jambs same price
as Red Oak

Inside Door Jamb or Frame for
Regular Standard Doors

Sliding Door Jambs For Double Doors

Illustration shows a sectional view of double sliding door jambs for a pair of Sliding Doors. The same high quality material as our standard jambs for regular doors shown to the left. Price covers one complete frame. Width of jamb from 2 3/4 in. to 4 3/4 in. for sides. Stops shown in illustration are priced extra. See below. If no width is specified in your order we furnish for studding set edgewise. Width of side jambs 4 1/2 in. and head jambs 5 1/2 in.

No. 10-G-615—Double Sliding Door jambs for openings up to 6 feet wide by 7 feet high—Yellow Pine—Price per set.....**\$1.48**

No. 10-G-616—Same as above except for openings up to 9 ft. wide by 8 ft. high—Yellow Pine—Price per set.....**1.97**

No. 10-G-617—Double Sliding Door jambs for opening up to 6 ft. wide by 7 ft. high—Red Oak—Price per set.....**2.98**

No. 10-G-618—Same as above except for openings up to 9 ft. wide by 8 ft. high—Price per set.....**3.57**

SPECIAL—Add for Yellow Pine stops to price of Yellow Pine Sliding Door jambs, per set.....**.30**

SPECIAL—Add for Red Oak stops to price of Red Oak Sliding Door jambs, per set.....**.60**



Single Sliding Door Jambs

Illustration shows a sectional view of single sliding door. Prices below are for complete frame without stops, furnished for 2x4 studding, unless otherwise specified.

No. 10-G-619—Single Sliding Door jambs for openings up to 6 ft. by 7 ft. high—Yellow Pine—Price per set.....**\$0.98**

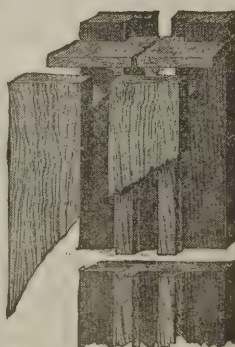
No. 10-G-620—Same as above except for openings up to 9 ft. wide by 8 ft. high—Yellow Pine—Price per set.....**1.25**

No. 10-G-621—Single Sliding Door jamb for sizes up to 6 ft. wide by 7 ft. high—Red Oak—Price per set.....**1.90**

No. 10 G 622—Same as above except for opening being 8 ft. wide by 9 ft. high—Red Oak—Price per set.... **2.38**

SPECIAL—Add for Yellow Pine stop to price of Yellow Pine Single Sliding jambs, pr set, **30c**

SPECIAL—Add for Red Oak stop to price of Red Oak Single Sliding jambs, pr set.....**.60c**



Inside Transom Door Jambs

Illustration shows a sectional view of inside door jamb with transom head, made so that a transom can be used above the door. Price does not include transom, which are listed elsewhere in this catalog.

No. 10 G 623—Inside transom Door jambs for transom up to 2 ft. in height, for Doors up to 3 ft. by 7 ft.—Yellow Pine. Price per set.....**85c**

If stops are wanted, add.....**15c**

No. 10 G 624—Same as above, except Red Oak. Price per set.....**\$1.65**

If stops are wanted, add.....**.30c**



Bevel or Plain Mirror Doors

Veneered Red Oak—Northern Birch—Soft Pine

See Yourself as Others See You

Full length Mirror Doors can no longer be considered a luxury since we are offering them at a price so reasonable that practically the humblest citizen can afford its conveniences. While primarily an article of feminine utility, the men folks will recognize and appreciate its advantages over a short mirror and will not begrudge its low cost, since it combines the useful purpose of both door and wall mirror at a lower price and reduces danger of breakage.

You probably have never looked at the matter in this light, so if your means do not permit the purchase of a console by all means secure the same actual service in our Mirror Door. You have plenty of choice as to sizes, three kinds of wood, two thicknesses and both plain and Beveled Plate Mirror. Naturally you will want your mirror door in your dressing room and as a closet door it will serve the double purpose admirably.

Our mirrors are of the regular standard American Beauty grade—noted for their high luster and lasting qualities. The mirror side of the door is finished as shown in the picture. The other side is regularly finished, one panel, like our "Kenwood" door. Can also be furnished with two or five cross panels. Our Mirror Doors are packed so well that they cannot be marred in transit under ordinary handling conditions.

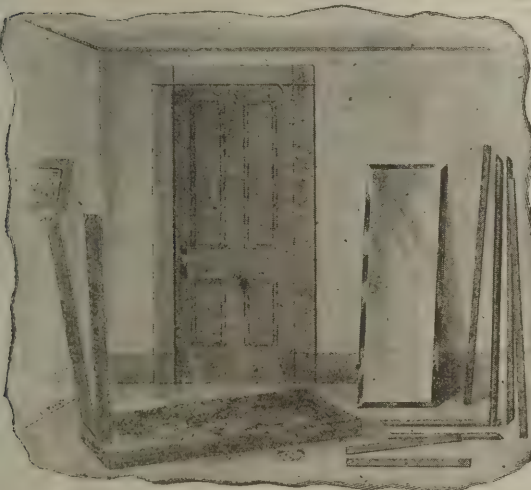
1 1/2-inch Thick Sizes		Size of Mirror	PRICES OF "FULLVIEW" MIRROR DOOR					
			Red Oak		Northern Birch		Soft Pine	
			1OP289 Plain Plate Mirror	1OP290 Bevel Plate Mirror	1OP291 Plain Plate Mirror	1OP292 Bevel Plate Mirror	1OP293 Plain Plate Mirror	1OP294 Bevel Plate Mirror
Width Ft. In.	Height Ft. In.							
2'-0"	x 6'-6"	14" x 60"	\$11.40	\$12.94	\$10.47	\$11.97	\$ 9.78	\$11.43
2'-2"	x 6'-6"	16" x 60"	12.15	13.70	11.21	12.76	10.58	11.71
2'-4"	x 6'-6"	18" x 60"	13.45	14.85	12.45	13.91	11.70	12.93
2'-6"	x 6'-6"	20" x 60"	14.18	15.53	13.25	14.60	12.85	13.86
2'-0"	x 6'-8"	14" x 62"	11.55	13.15	10.63	12.23	10.00	11.72
2'-2"	x 6'-8"	16" x 62"	12.32	14.92	11.36	13.96	10.78	12.07
2'-4"	x 6'-8"	18" x 62"	13.63	15.19	12.72	14.22	12.08	13.29
2'-6"	x 6'-8"	20" x 62"	14.44	15.99	13.48	15.03	13.21	14.21
2'-0"	x 7'-0"	14" x 66"	12.38	14.18	11.40	13.10	10.64	12.14
2'-2"	x 7'-0"	16" x 66"	13.75	15.45	12.69	14.40	11.35	12.78
2'-4"	x 7'-0"	18" x 66"	14.52	16.37	13.45	15.30	12.86	14.00
2'-6"	x 7'-0"	20" x 66"	15.84	17.24	14.73	16.18	13.87	15.14
2'-8"	x 7'-0"	22" x 66"	17.45	19.65	16.40	18.60	15.15	16.72

Any of the above sizes furnished 1 1/2-inch thick, \$140 extra. Write for prices on other woods.



"FULLVIEW"

Make Your Own Mirror Door



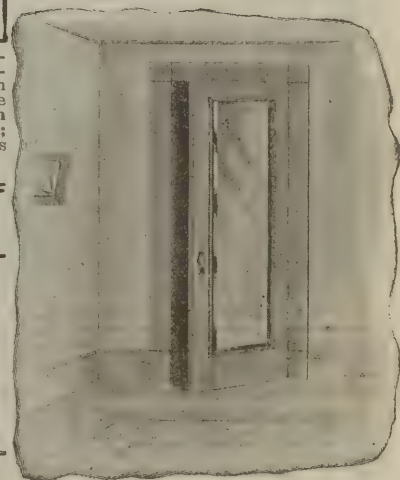
Spare Time Made Profitable

Our Complete Outfit for a home-made mirror door consists of heavy plate mirror; thin strips to form a bed between the face of the door and the glass; mouldings of special design to frame the mirror and hold it firmly in place; and a sufficient number of round-headed brass screws.

Prices, Mirror Door Outfit No. 10P500

Size of Mirror	Plain Plate	Beveled 1 1/2-inch	Fits Common Panel Door
16" x 60"	\$ 7.15	\$ 8.51	2'-0" x 6'-0"
16" x 66"	8.20	9.50	2'-0" x 6'-6"
20" x 66"	9.78	11.40	2'-4" x 6'-6"
22" x 66"	11.35	12.95	2'-6" x 6'-6"
16" x 68"	7.95	9.30	2'-0" x 6'-8"
20" x 68"	9.97	11.60	2'-4" x 6'-8"
22" x 68"	11.50	13.60	2'-6" x 6'-8"
24" x 68"	12.65	14.55	2'-8" x 6'-8"
16" x 72"	8.33	10.45	2'-0" x 7'-0"
20" x 72"	10.25	12.50	2'-4" x 7'-0"
22" x 72"	12.35	14.38	2'-6" x 7'-0"
24" x 72"	13.35	15.46	2'-8" x 7'-0"

Order by No. 10P500



How to Order Take the measurement of your door just outside of the panel part, allowing at least one-half inch all around for the mirror to rest upon. Then select your size from the accompanying table. In ordering, be sure and specify whether plain or beveled plate mirror is desired and state your preference in mouldings—Yellow Pine, Oak or Birch (if no preference is given, Yellow Pine will be furnished).

The Mirror, Mouldings, Strips and Screws will come in one box, carefully wrapped and packed to insure against damage in shipment.

Instructions Any door of the ordinary kind can be made into a mirror door in a jiffy and you can do the work yourself. **First:** Take the door off the hinges and lay it flat on the floor or on trestles. **Second:** Place the thin strips evenly on the face of the door and lay the mirror on top. **Third:** Screw the mouldings into place. (The mouldings are already fitted and mitred.) Presto: A real mirror door, just as good for all practical purposes as if you had bought a new one. (Note:—The outer edges of the moulding and strips used for backing should be exactly even to obtain the best results.)

Front Entrances

Our Superb Colonial Front Entrance

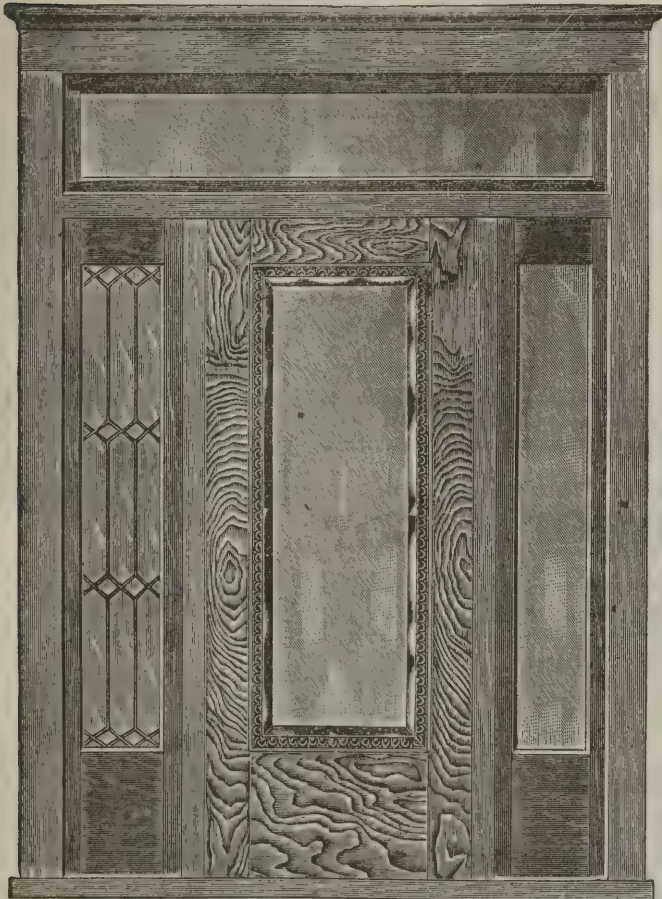
This imposing design is appropriate for almost any style of residence, but is particularly adapted to the Colonial type. The door, transom and sidelights shown in illustration are selected from our regular stock to convey an idea of the beauty of the complete entrance. Other suitable designs are described in this book. Prices here given cover FRAME only (for wood buildings), with 5½ inch jamb and allows for door space up to 3 ft. x 7 ft.; sidelight space up to 1 ft. 2 inches by 7 feet; Transom space up to 18 inches high.

The Outside Casings are fluted, deep cut—not merely raised beading. The frame is capped with an extra wide Crown Moulding. The sill is 2x8, beveled. Made from bright Soft Pine and Poplar. Furnished in the knock-down, fitted ready to be put together. Securely bundled.

10-F-360. Price for frame as described above.....\$27.50
 10-F-365. Price for frame, same as above, except made for one sidelight 24.50
 only and panel above remaining sidelight omitted.
 Prices on frame for brick wall, also in Oak and Birch, quoted on application.

CHICAGO FRONT ENTRANCE

See Style AA for Prices of Frames.



OUR
SUPERB
COLONIAL
FRONT
EN-
TRANCE

Transom 10-E-497. Morning Glory Door. Sidelights 10-E-2

WHITE CITY FRONT ENTRANCE

See Style BB for Prices of Frames.

In showing our "Chicago" and "White City" Front Entrance, herewith portrayed, our aim is to furnish examples of some of the most practical and desirable entrance designs. Prices here quoted are for frames only. (See styles in accompanying outline drawings). In these entrances, we illustrate 2 kinds of sidelights. Other designs will be found on the next page. The transom should be selected to match. The frames are made of Soft wood, Pine or Poplar, and furnished in the knock-down, carefully bundled for shipment. Fitted, ready to put together. Furnished also in Oak or Birch. Prices on application.



10-E-214 Sidelight. Magnolia Door.

10-E-209 Sidelight. American Beauty Door. 10-E-208 Sidelight.

ENTRANCE FRAMES. With or without Transom Head.

For wood Buildings, we furnish with 1½-inch Outside Casings and Crown Mould Head. For brick wall frame, extra heavy Jambs are furnished and large Brick Moulding. Prices below cover frames with door opening up to 3 ft. x 7 ft.; sidelight opening up to 1 ft. 2 in. x 7 ft.; transom opening up to 18 in. high.

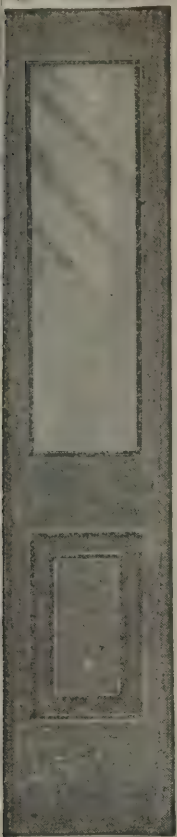


Style of Frame.	For Wood Building.	Price.	For 13-inch Brick Wall.	Price.
"AA"	10-E-450	\$7.00	10-E-452	\$7.50
"BB"	10-E-470	6.25	10-E-474	6.75
"CC"	10-E-460	6.00	10-E-464	6.50
"DD"	10-E-480	4.25	10-E-484	4.75

Oak Frames for 13-inch Brick wall, 50% extra.

Sidelights and Transoms

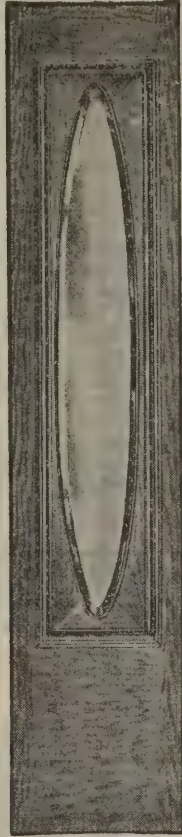
For Front Entrances and Vestibules. Our Sidelights and Transoms are made from selected woods, "A" Quality Soft Pine, Clear Red Oak and Clear Northern Birch. The attractive designs shown here are very popular and thoroughly in harmony with our own Front Entrance designs illustrated on opposite page. Sidelight No. 205 can be furnished with Leaded Glass like No. 209. We also furnish No. 209 glazed plain (not leaded) either D. S. Glass or Bevel Plate.



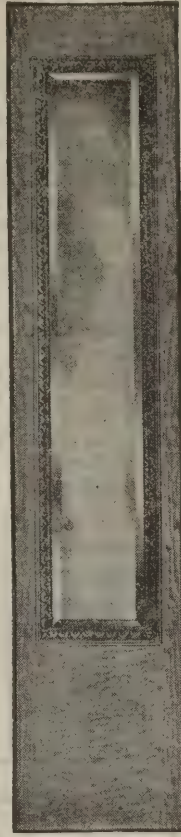
No. 10-H-205



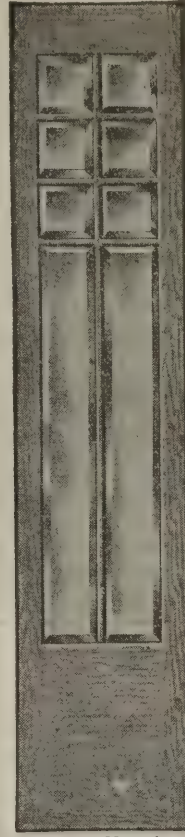
No. 10-H-209



No. 10-H-402



No. 10-H-403

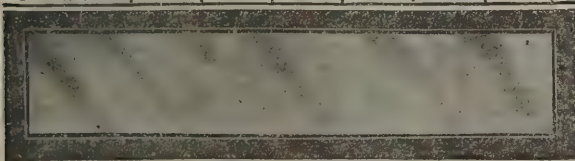


No. 10-H-405



No. 10-H-406

SIZES 1 3/4 inch thick Width Height Ft. In. Ft. In.	10-H-205		10-H-209				10-H-402				10-H-403		10-H-405		10-H-406			
	White Pine		White Pine		Oak or Birch		White Pine		Oak or Birch		Oak or Birch		Oak or Birch		White Pine		Oak or Birch	
	Gla. Clear	Gla. Like	Gla. Plain	Gla. L'd'd as	Gla. Plain	Gla. Bev. Plate	Gla. Clear	Gla. Bev. Plate	Gla. Clear	Gla. Bev. Plate	Gla. Clear	Gla. Bev. Plate	Gla. Clear	Gla. Bev. Plate	Gla. Clear	Gla. Bev. Plate	Gla. Clear	Gla. Bev. Plate
	D. S. A.	No. 209	D. S. A.	Shown	D. S. A.		D. S. A.		D. S. A.		D. S. A.		D. S. A.		D. S. A.		D. S. A.	
1- 2 x 6- 8	\$1.46	\$2.37	\$1.83	\$2.90	\$4.15	\$5.99	\$4.60	\$5.92	\$7.01	\$8.27	\$4.50	\$5.76	\$6.46	\$9.25	\$4.43	\$7.04	\$6.70	\$9.30
1- 2 x 6-10	1.57	2.55	2.00	3.07	4.20	6.08	4.88	6.13	7.05	8.39	4.55	5.89	6.48	9.30	4.58	7.18	6.75	9.35
1- 2 x 7- 0	1.63	2.65	2.03	3.17	4.25	6.86	4.90	6.28	7.10	8.44	4.60	5.93	6.50	9.35	4.60	7.20	6.80	9.40



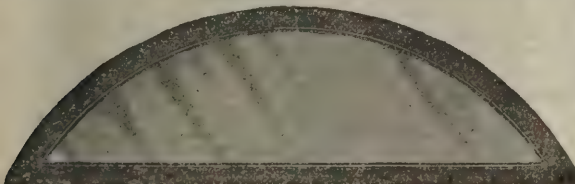
Transom No. 10-H-401

Oak and Birch
Side Lights
1 3/4" thick
20% Extra

Transoms
No. 10-H-404 and
No. 10-H-407
can be furnished
Glazed Leaded
Beveled Plate.
Write for Prices.



Transom No. 10-H-404



Transom No. 10-H-410



Transom No. 10-H-407

SIZES 1 3/4 inch thick Ft. In. Ft. In.	10-H-401				10-H-410		10-J-404		10-J-407	
	White Pine		Oak or Birch		Glazed Clear, D. S.		Gla. Leaded Crystal		Gla. Leaded Crystal	
	Gl.1 Lt.D.S.	Gl.2 Lt.D.S.	Gl.1 Lt.D.S.	Gl.2 Lt.D.S.	W. Pine	Oak or Birch	W. Pine	Oak or Birch	W. Pine	Oak or Birch
4- 6 wide, up to 1- 6 high	\$2.40	\$1.67	\$4.60	\$3.90	\$4.98	\$7.20	\$3.00	\$5.20	\$5.75	\$7.95
4- 8 wide, up to 1- 6 high	2.50	1.73	4.80	4.00	5.03	7.35	3.10	5.40	5.90	8.20
6- 0 wide, up to 1- 6 high	3.06	2.22	5.70	4.85	5.63	8.30	3.92	6.60	6.68	9.30
6- 4 wide, up to 1- 6 high	3.10	2.26	5.85	5.00	5.75	8.50	4.10	6.85	6.80	9.55

The 6 foot and 6 foot 4 inch sizes are for frame made for 3 foot door in width and for two Sidelights, 1 foot 2 inches wide, while the 4 foot 6 inch size is for frame, made for one Sidelight only. Transom prices remain the same if narrower doors than 3 foot are used.

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago.

Complete Equipment. We Can Furnish any Mill Work—Regular or Special

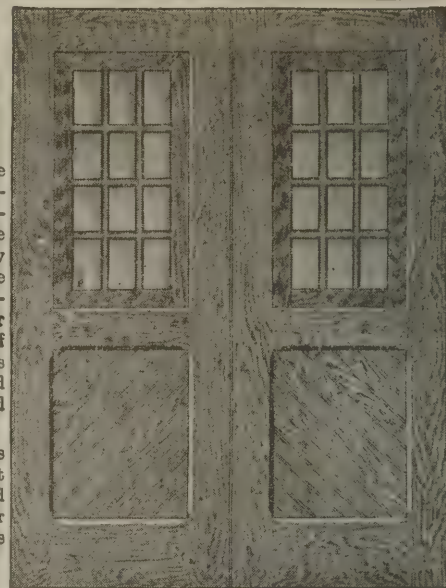
Factory and Warehouse Doors



Strong, Well Built Doors for Garages, Shops, Etc.

There is an increasing demand for a dependable machine made door for barns, shops, factories, warehouses, etc. Formerly it was customary to slap together any material which might be handy and the carpenter made the doors on the job at a cost entirely out of proportion to their value. The doors that we offer on this page fill a long felt want. They are constructed out of selected soft woods, practically clear and suitable for outside use. The panels are made of partition stock beaded on both sides and the stiles and rails are extra heavy. Every joint square, and true and perfectly fitted. Machine smoothed. Good finished job.

The illustration shows the Texas and Illinois doors in pairs which is the way they are usually sold, but we price them single as there is considerable demand for the single doors. These doors are made to order and can be furnished in any size; intermediate sizes take the same price as next higher listed size.

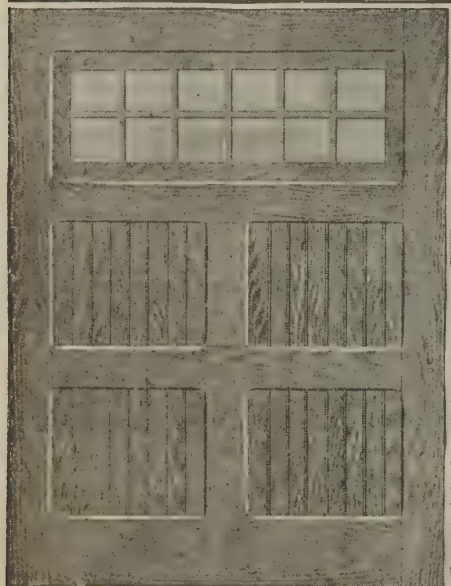


TEXAS

PRICES

ILLINOIS

SINGLE DOOR		PRICES TEXAS		SINGLE DOOR		PRICES ILLINOIS	
SIZES		10-H-491	10-H-492	SIZES		10-H-493	10-H-494
Width	Height	1 3/4 inches Thick	2 1/4 inches Thick	Width	Height	1 3/4 inches Thick	2 1/4 inches Thick
Ft. In.	Ft. In.			Ft. In.	Ft. In.		
2-6 x 7-0		\$ 5.70	\$ 6.00	2-6 x 7-0		\$ 6.50	\$ 6.80
3-0 x 7-0		5.80	6.10	3-0 x 7-0		6.70	7.00
4-0 x 7-0		7.60	8.00	4-0 x 7-0		8.80	9.20
3-0 x 8-0		6.50	6.85	3-0 x 8-0		7.50	7.85
4-0 x 8-0		8.70	9.15	4-0 x 8-0		9.95	10.40
5-0 x 8-0		10.80	11.40	5-0 x 8-0		12.30	12.90
4-0 x 10-0		10.90	11.50	4-0 x 10-0		12.35	12.95
6-0 x 10-0		16.20	17.00	6-0 x 10-0		18.40	19.20



The Most Economical. Better than Home-Made Doors and Cost Less.

Both "New York" and "Ohio" style doors can be furnished in the same sizes and at the same prices as our "Illinois" doors listed above. In all sizes under 5 five wide "Ohio" will be furnished with one divided light sash only.

New York and Ohio doors are single doors for extra large openings, strongly braced in every part and put together to stay. They are built for service and will stand a lot of hard knocks. They are manufactured in the same way as the Texas and Illinois doors described above. We use carefully selected woods, suitable for the purpose and smoothly finished.

The sash panels in the Illinois, New York and Ohio doors are glazed in clear glass. As these doors are made to order, they can be furnished in all sizes whether listed or not; intermediate sizes take the same price as next higher listed size.

We can furnish frames made to order for any of these doors. Write for prices.



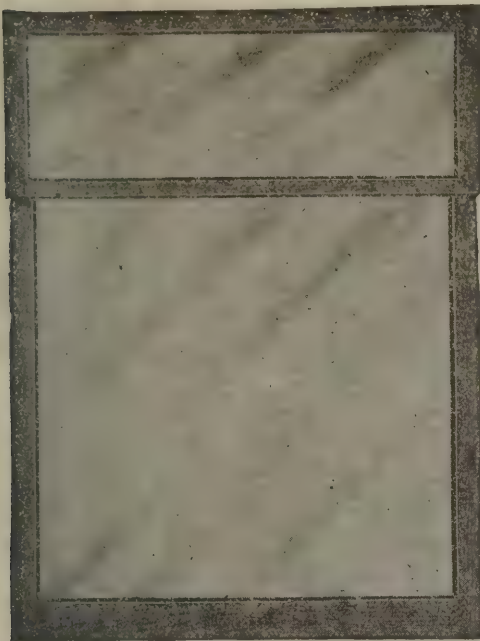
NEW YORK

PRICES

OHIO

SIZES		PRICES NEW YORK		SIZES		PRICES OHIO	
Width	Height	10-H-495	10-H-496	Width	Height	10-H-497	10-H-498
Ft. In.	Ft. In.	1 3/4 inches Thick	2 1/4 inches Thick	Ft. In.	Ft. In.	1 3/4 inches Thick	2 1/4 inches Thick
5-0 x 7-0		\$10.35	\$10.85	5-0 x 7-0		\$10.75	\$11.25
6-0 x 7-0		12.40	13.00	6-0 x 7-0		12.80	13.40
5-0 x 8-0		11.80	12.35	6-0 x 8-0		12.20	12.75
6-0 x 8-0		14.10	14.80	6-0 x 8-0		14.50	15.20
8-0 x 8-0		18.80	19.70	8-0 x 8-0		19.20	20.10
8-0 x 10-0		23.50	24.70	8-0 x 10-0		23.90	25.05
10-0 x 10-0		29.30	30.80	10-0 x 10-0		29.70	31.20

Cottage Windows



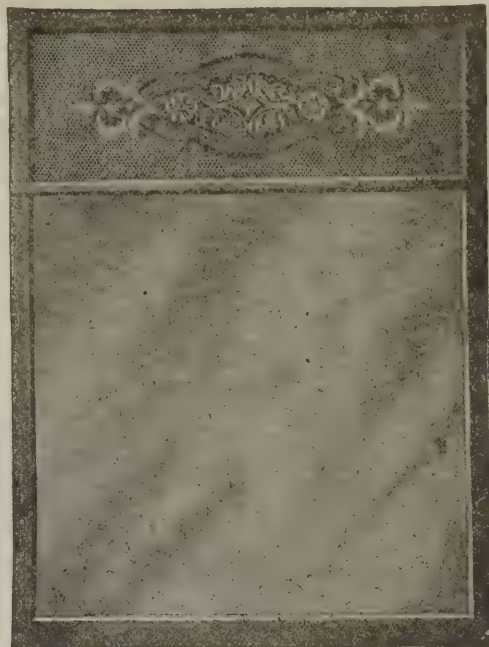
PLAIN VIEW No. 10-P-64

ART IN WINDOW DESIGNS

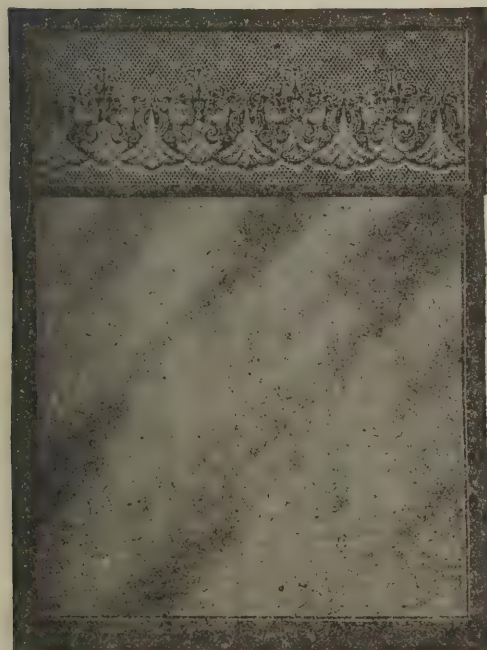
We show a number of the best designs in cottage windows and we are confident that a choice can be made to suit the taste of the most fastidious. The different styles range from the clear, plain glass of our "Plainview" Window to the stately beauty of leaded beveled plate as exemplified in our "Aristocrat" design on opposite page.

Here portrayed on either side we have some fine examples of lace designs, faithful reproductions of the famous Battenburg lace and rivaling in beauty by the closeness of imitation. It is plainly a matter of individual taste in making a proper selection of Cottage Windows. We make no recommendations of one design over another and only say that at our low prices, we are giving you the best values that money can buy.

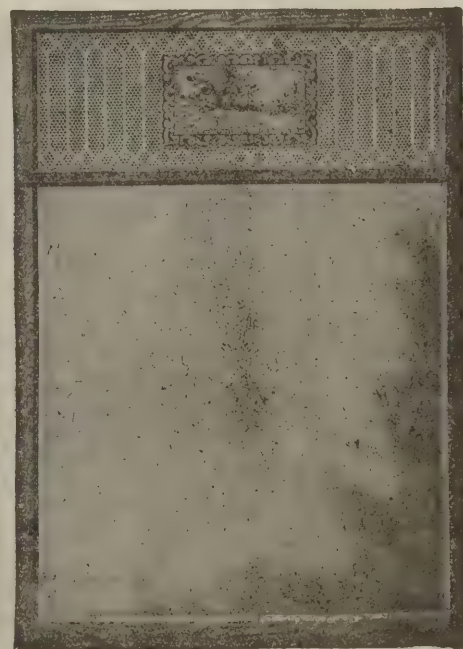
This is not a complete list of sizes. We are able to furnish any standard size in Cottage windows up to and including 50x50 inches with 50x22 inch transom. Write for prices.



FAIRVIEW No. 10-P-63



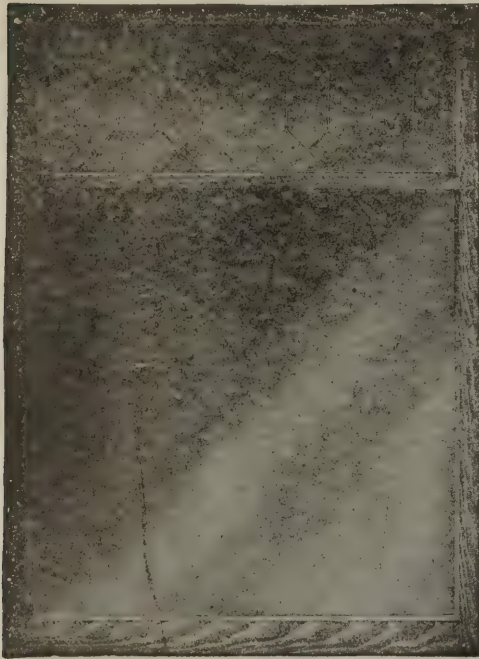
BRUSSELS ART No. 10-P-69



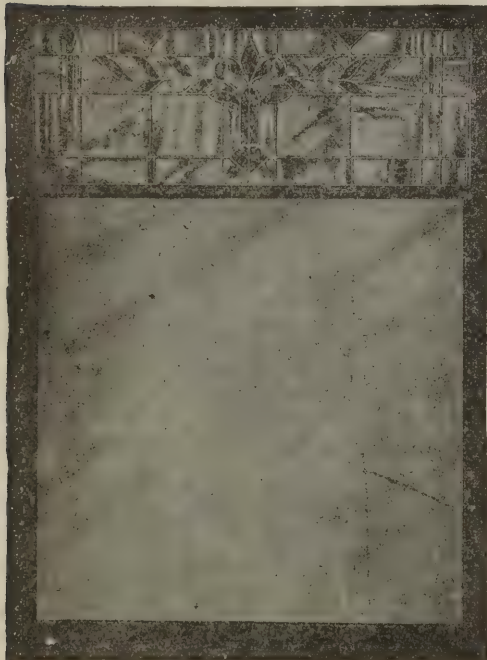
YELLOWSTONE No. 10-P-272

Glass Size, Bottom Sash. Width, Height.	Glass Size, Top Sash. Width, Height.	Outside Measure. Width, Height.	"Plainview." 10-P-64. Price.	"Brussels." 10-P-69. Price.	"Fairview." 10-P-63. Price.	"Yellowstone." 10-P-272. Price.
40"x42"	40"x14"	3' 8"x5' 2"	\$3.18	\$4.32	\$4.35	\$4.71
40"x40"	40"x16"	3' 8"x5' 2"	3.25	4.35	4.38	4.73
40"x48"	40"x14"	3' 8"x5' 6"	3.56	4.49	4.61	4.90
44"x40"	44"x16"	4' 0"x5' 2"	3.84	4.64	4.68	5.06
44"x44"	44"x16"	4' 0"x5' 6"	4.18	4.80	4.84	5.23
44"x48"	44"x16"	4' 0"x5' 10"	4.35	5.28	5.35	5.67

Cottage Windows



CRYSTAL No. 10-F-66



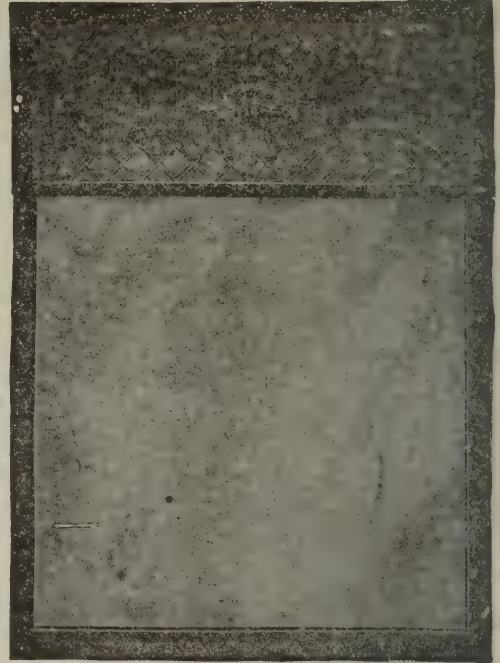
RAINBOW No. 10-E-282

SOME FINE EXAMPLES OF ART WINDOWS

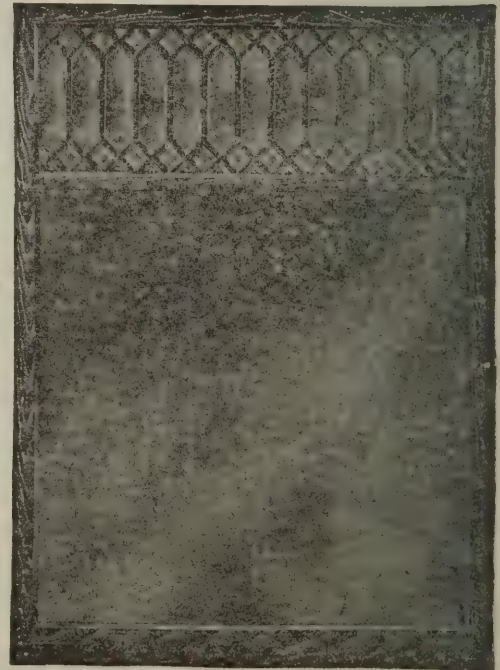
Our "Crystal" design in clear glass is one of the best examples of a leaded glass pattern. It is exactly the same in design as our "Aristocrat", differing from it only in that the top sash in the latter is beveled plate while the "Crystal" is all clear double strength glass.

We also show here two of the best designs in leaded colored art glass. Our "Herald" is made up after the same pattern as "Crystal" and "Aristocrat" and by a tasteful combination of colors, a real gem of a window results. Our "Rainbow" as its name implies, is a vari-colored design of leaded art glass. The colors are harmoniously blended and afford a shield from the sun's strong rays without making it necessary to draw the shades and exclude the light altogether.

The list given below is not complete as to sizes. We can furnish any standard size up to 50x50 inches with 50x22 inch transom and we will be glad to quote prices on request.



HERALD No. 10-E-281

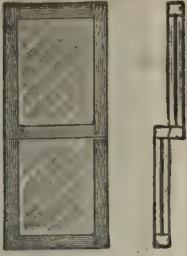


ARISTOCRAT No. 10-E-70

Glass Size. Bottom Sash. Width, Height.	Glass Size. Top Sash. Width, Height.	Outside Measure. Width, Height.	"Crystal." 10-F-66. Price.	"Herald." 10-E-281. Price.	"Rainbow." 10-E-282. Price.	"Aristocrat." 10-E-70.. Price.
40"x42"	40"x14"	3' 8"x5' 2"	\$3.89	\$4.86	\$5.80	\$8.01
40"x40"	40"x16"	3' 8"x5' 2"	3.90	4.90	5.85	8.05
40"x46"	40"x14"	3' 8"x5' 6"	4.11	5.02	5.93	8.11
44"x40"	44"x16"	4' 0"x5' 2"	4.30	5.58	6.72	9.44
44"x44"	44"x16"	4' 0"x5' 6"	4.59	5.65	6.86	9.58
44"x48"	44"x16"	4' 0"x5' 10"	5.26	6.22	7.30	10.08

Clear White Pine Windows

Our windows are superior quality and well made from selected, seasoned "A" grade stock. The glass is held firmly in place by strong points and sufficient putty. The terms "window" means two sash upper and lower.



Two Light Check Rail Windows
1½ inch thick
10-P-71.

Size of Glass	Price per Window—Glazed, Single Strength	Price per Window—Glazed, Double Strength	Outside Measure W'th H't. Ft. In. Ft. In.
16x16	\$.065	\$.084	1-8½x3-2
16x18	.68	.85	3-6
16x20	.69	.86	3-10
16x24	.79	1.06	4-6
16x26	.89	1.20	4-10
16x28	.94	1.28	5-2
16x30	.96	1.32	5-6
16x32	1.09	1.50	5-10
18x20	.83	1.03	3-10½
18x22	.88	1.16	4-2
18x24	.90	1.20	4-6
18x26	.93	1.23	4-10
18x28	1.00	1.38	5-2
18x30	1.12	1.40	5-6
18x32	1.08	1.49	5-10
20x20	.86	1.12	2-0½x3-10
20x22	.94	1.20	4-2
20x24	.95	1.21	4-6
20x26	.87	1.23	4-10
20x28	1.06	1.32	5-2
20x30	1.09	1.41	5-6
20x32	1.22	1.54	5-10
20x34	1.40	1.77	6-2
20x36	1.41	1.80	6-6
22x22	.99	1.25	2-2½x4-2
22x24	1.00	1.28	4-6
22x26	1.03	1.31	4-10
22x28	1.09	1.41	5-2
22x30	1.20	1.54	5-6
22x32	1.29	1.65	5-10
22x36	1.57	2.08	6-6
24x20	.99	1.29	2-4½x3-10
24x24	1.06	1.35	4-6
24x26	1.09	1.40	4-10
24x28	1.18	1.54	5-2
24x30	1.28	1.63	5-6
24x32	1.36	1.72	5-10
24x34	1.50	1.87	6-2
24x36	1.51	1.88	6-6
24x40	1.98	2.42	7-2
26x22	1.16	1.49	2-6½x4-2
26x24	1.17	1.55	4-6
26x26	1.23	1.59	4-10
26x28	1.35	1.71	5-2
26x30	1.42	1.82	5-6
26x32	1.45	1.87	5-10
26x34	1.67	2.21	6-2
26x36	1.78	2.28	6-6
26x40	2.05	2.60	7-2
28x28	1.43	1.83	2-8½x5-2
28x30	1.45	1.85	5-6
28x32	1.68	2.15	5-10
28x34	1.73	2.19	6-2
28x36	1.87	2.42	6-6
28x38	2.06	2.61	6-10
28x40	2.27	2.90	7-2
30x24	1.38	1.85	2-10½x4-6
30x26	1.52	2.02	4-10
30x28	1.53	2.03	5-2
30x30	1.74	2.22	5-6
30x32	1.83	2.35	6-10
30x34	1.86	2.40	6-2
30x36	1.89	2.44	6-6
30x40	2.29	2.93	7-2
32x24	1.57	1.96	3-0½x4-6
32x26	1.76	2.20	4-10
32x28	1.91	2.41	5-2
32x30	2.19	2.63	5-6
32x32		2.66	5-10
32x34		3.03	6-2
32x36		3.08	6-6

Two Light Check Rail Windows (Continued)

34x24	\$1.88	\$2.29	3-2½x4-6
34x28	2.21	2.61	5-2
34x30	2.32	2.86	5-6
34x32		2.97	5-10
34x36		3.36	6-6
36x24	1.89	2.23	3-4½x4-6
36x26	2.11	2.26	4-10
36x28	2.32	2.75	5-2
36x30	2.33	2.77	5-6
36x32		3.10	5-10
36x34		3.22	6-2
36x36		3.37	6-6
40x28		2.86	3-8½x5-2
40x30		3.14	5-6
40x32		3.42	5-10
40x34		3.58	6-2
40x36		4.16	6-6
40x40		4.35	7-2

Pantry Windows Two Light Check Rail

Size of Glass, Inches	Price per Window Glazed	Outside Measure W'th H't. Ft. In. Ft. In.
12x20	\$.70	1-4½x3-10
12x24	.76	4-6
12x26	.87	4-10
12x28	.91	5-2
12x30	.92	5-6
12x32	.95	5-10
12x34	1.16	6-2
12x36	1.21	6-6
14x20	.72	1-6½x3-10
14x24	.77	4-6
14x26	.86	4-10
14x28	.92	5-2
14x30	.95	5-6
14x32	1.02	5-10
14x36	1.21	6-6



Four Light Check Rail Windows

Size of Glass	Glazed Single Strength	Outside Measure W'th H't. Ft. In. Ft. In.
10x20	\$.84	2-1x3-10
10x22	.91	4-2
10x24	.91	4-6
10x26	.98	4-10
10x28	.98	5-2
10x30	1.31	5-6
10x32	1.31	5-10
12x20	.89	2-5x3-10
12x22	1.02	4-2
12x24	1.07	4-6
12x26	1.10	4-10
12x28	1.18	5-2
12x30	1.31	5-6
12x32	1.36	5-10
12x34	1.68	6-2
12x36	1.67	6-6
12x38	1.98	6-10

Four Light Check Rail Windows (Continued)

12x40	\$.216	2-5x7-2
14x20	1.06	2-9x3-10
14x22	1.17	4-2
14x24	1.18	4-6
14x26	1.29	4-10
14x28	1.35	5-2
14x30	1.46	5-6
14x32	1.54	5-10
14x34	1.76	6-2
14x36	1.83	6-6
14x38	1.98	6-10
14x40	2.09	7-2
15x30	1.62	2-11x5-6
15x32	1.73	5-10
15x36	2.09	6-6



Eight Light Check Rail Windows

Size of Glass	Thick-ness	Price per window Glazed	Outside Measure W'th H't. Ft. In. Ft. In.
8x10	1½	\$.88	1-9x3-10
8x12	1½	.89	4-6
9x12	1½	.90	1-11x4-6
9x14	1½	.97	5-2
10x12	1½	.91	2-1x4-6
10x14	1½	1.01	5-2
10x16	1½	1.21	5-10
10x18	1½	1.57	6-6
12x14	1½	1.17	2-5x5-2
12x16	1½	1.29	5-10
12x18	1½	1.47	6-6
14x16	1½	1.52	2-9x5-10
14x18	1½	1.53	6-6
14x20	1½	2.05	7-2



Twelve Light Check Rail Windows

Size of Glass	Thick-ness	Price per window Glazed	Outside Measure W'th H't. Ft. In. Ft. In.
8x10	1½	\$.92	2-4½x3-10
8x12	1½	1.10	5-2
8x14	1½	1.38	5-6
9x12	1½	1.16	2-7½x4-6
9x14	1½	1.34	5-2
9x16	1½	1.62	5-10
10x12	1½	1.25	2-10½x4-6
10x14	1½	1.41	5-2
10x16	1½	1.60	5-10
10x18	1½	2.04	6-6
12x14	1½	1.97	3-4½x5-2
12x16	1½	2.05	5-10
12x18	1½	2.35	6-6
12x20	1½	2.95	7-2

Plain Rail Windows

Plain rail windows are made of stock 1½ inches thick and are usually held in place by spring bolts on one or both sides of each sash. A window of this kind is rarely put in a first class residence but for the cheaper houses and to be used in barns, sheds and shops, the plain rail window is all right and can be recommended. The same high grade stock is used as in our check rail windows and each sash is primed in oil and glass well puttied in.

Plain Rail Windows Four Light

Size of Glass	Thick-ness	Price per window Glazed	Outside Measure W'th H't. Ft. In. Ft. In.
12x20	1½	\$.88	2-5x3-10
12x24	1½	1.02	4-6
12x26	1½	1.07	4-10
12x28	1½	1.14	5-2

Plain Rail Windows Eight Light

Size of Glass	Thick-ness	Price per window Glazed	Outside Measure W'th H't. Ft. In. Ft. In.
8x10	1½	\$.72	1-8½x3-10
8x12	1½	.83	4-6
9x12	1½	.84	1-10½x4-6
9x14	1½	.98	5-2
10x12	1½	.87	2-0x4-6
10x14	1½	.97	5-2
10x16	1½	1.17	5-10
12x14	1½	1.12	2-4½x5-2
12x16	1½	1.35	5-10
12x18	1½	1.55	6-6

Plain Rail Windows 12 Light

Size of Glass	Thick-ness	Price per Window Glazed	Outside Measure W'th H't. Ft. In. Ft. In.
7x9	1½	\$.90	2-1x3-6
8x10	1½	.91	2-4x3-10
8x12	1½	1.05	2-4x4-6
8x14	1½	1.38	2-4x5-2
9x12	1½	1.10	2-7x4-6
9x14	1½	1.34	2-7x5-2
9x15	1½	1.57	2-7x5-6
10x12	1½	1.18	2-10x4-6
10x14	1½	1.31	5-2
10x15	1½	1.54	5-6
10x16	1½	1.57	5-10
10x18	1½	2.05	6-6
12x14	1½	1.98	3-4x5-2
12x16	1½	2.15	5-10

Plain Rail Windows 15 Light

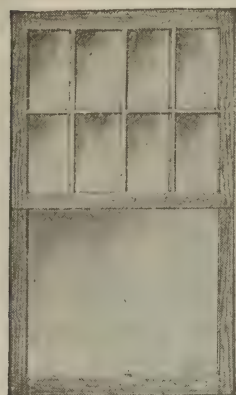
Size of Glass	Thick-ness	Price per window Glazed	Outside Measure W'th H't. Ft. In. Ft. In.
8x10	1½	\$.32	2-4¼x8-8
10x12	1½	1.63	2-10½x5-6

Plain Rail Windows 18 Light

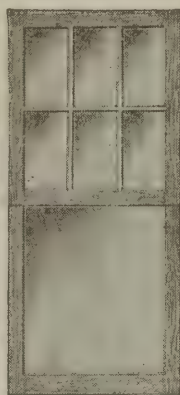
Size of Glass	Thick-ness	Price per window Glazed	Outside Measure W'th H't. Ft. In. Ft. In.
8x10	1½	\$.165	2-4¼x5-7½
10x12	1½	2.08	2-10½x6-7½

NOTE:—Prices for all Windows on this page include top and bottom Sash, with glass puttied in.

Queen Anne or Colonial Windows



No. 10-J-1337



No. 10-J-1342

Fancy Cut Up Top Sash Divided by Wood Bars

1½ Thick Checkrail

These are the best known and most popular designs in fancy cut up top sash. Wood bars are used to divide the lights and the work is done by hand, each piece being carefully mortised in and securely nailed. The sash are first primed in pure Linseed Oil and then glazed. Every light of glass is well puttied and will hold its place.

Price table below includes window complete as illustrated, top sash and bottom sash, glazed with clear glass.

Gla. S. S. means that the window is set with glass of single strength thickness.

Gla. D. S. means that the window is set with glass of double strength thickness.

Number of Lights according to width of window

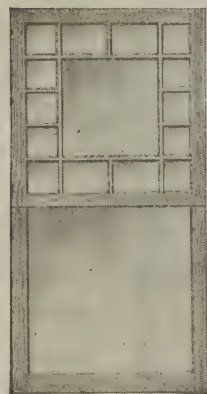
Window No.	Glass Measure	Will be Furnished
10-J-1341	Up to 24" wide	3 lights wide
10-J-1341	24" to 32" wide	4 lights wide
10-J-1341	32" to 40" wide	6 lights wide
10-J-1400	Up to 20" wide	4 lights wide
10-J-1400	20" to 24" wide	5 lights wide
10-J-1400	24" to 32" wide	6 lights wide
10-J-1400	32" to 40" wide	7 lights wide



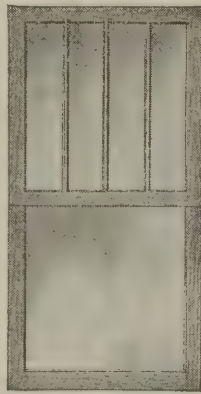
No. 10-J-1338



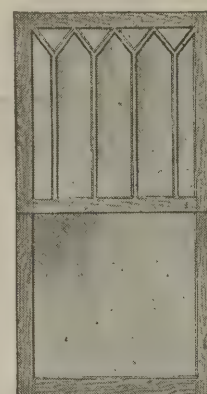
No. 10-J-1339



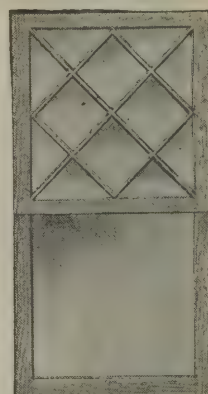
No. 10-J-1340



No. 10-J-1341



No. 10-J-1400



No. 10-J-1500

Sizes not listed and other designs can be furnished at correspondingly low prices.

SIZES OF GLASS	OUTSIDE MEASURE Width Ft. In. Height Ft. In.	10-J-1337 Gla. S. S.	10-J-1337 Gla. D. S.	10-J-1338 Gla. S. S.	10-J-1338 Gla. D. S.	10-J-1339 Gla. S. S.	10-J-1339 Gla. D. S.	10-J-1340 Gla. S. S.	10-J-1340 Gla. D. S.	10-J-1341 Gla. S. S.	10-J-1341 Gla. D. S.	10-J-1342 Gla. S. S.	10-J-1342 Gla. D. S.	10-J-1400 Gla. S. S.	10-J-1400 Gla. D. S.	10-J-1500 Gla. S. S.	10-J-1500 Gla. D. S.
16 x 20	1- 8½ x 3-10	\$1.10	\$1.32	\$1.27	\$1.47	\$1.40	\$1.60	\$1.56	\$1.76	\$0.97	\$1.16	\$1.11	\$1.31	\$2.04	\$2.23	\$2.29	\$2.50
16 x 24	1- 8½ x 4- 6	1.14	1.36	1.30	1.55	1.43	1.68	1.60	1.85	1.00	1.25	1.14	1.40	2.07	2.32	2.34	2.60
20 x 20	2- 0½ x 3-10	1.21	1.46	1.45	1.67	1.54	1.80	2.17	2.42	1.10	1.38	1.24	1.52	2.17	2.44	2.42	2.72
20 x 24	2- 0½ x 4- 6	1.24	1.50	1.49	1.73	1.56	1.86	2.20	2.46	1.13	1.43	1.28	1.57	2.20	2.50	2.48	2.76
20 x 28	2- 0½ x 5- 2	1.36	1.60	1.61	1.86	1.68	1.99	2.32	2.59	1.33	1.60	1.40	1.71	2.32	2.63	2.59	2.90
22 x 24	2- 2½ x 4- 6	1.28	1.54	1.52	1.80	1.65	1.94	2.19	2.52	1.22	1.51	1.36	1.65	2.62	2.93	2.54	2.93
22 x 26	2- 2½ x 4-10	1.32	1.53	1.54	1.84	1.67	1.97	2.26	2.59	1.24	1.54	1.39	1.68	2.64	2.96	2.59	2.97
22 x 28	2- 2½ x 5- 2	1.38	1.65	1.63	1.95	1.76	2.08	2.37	2.68	1.33	1.65	1.47	1.79	2.75	3.01	2.67	2.09
22 x 30	2- 2½ x 5- 6	1.50	1.77	1.72	2.07	1.85	2.20	2.48	2.81	1.47	1.82	1.56	1.91	2.85	3.19	2.70	3.22
24 x 20	2- 4½ x 3-10	1.30	1.60	1.56	1.87	1.69	2.00	2.26	2.59	1.27	1.57	1.41	1.72	2.68	3.05	2.58	2.89
24 x 24	2- 4½ x 4- 6	1.38	1.62	1.57	1.90	1.71	2.04	2.33	2.64	1.34	1.61	1.42	1.75	2.71	3.07	2.02	2.95
24 x 26	2- 4½ x 4-10	1.39	1.67	1.72	1.94	1.85	2.07	2.37	2.67	1.38	1.67	1.56	1.78	2.86	3.09	2.05	2.98
24 x 28	2- 4½ x 5- 2	1.47	1.78	1.78	2.02	1.86	2.16	2.43	2.81	1.43	1.80	1.57	1.87	2.87	3.19	2.76	3.07
24 x 30	2- 4½ x 5- 6	1.55	1.85	1.82	2.18	1.93	2.23	2.56	2.90	1.54	1.91	1.64	1.95	2.94	3.26	2.84	3.15
26 x 26	2- 6½ x 4-10	1.51	1.87	1.76	2.16	1.89	2.29	2.59	2.92	1.57	1.90	1.61	1.99	2.90	3.31	2.81	3.20
26 x 28	2- 6½ x 5- 2	1.62	1.90	1.88	2.26	2.02	2.39	2.62	2.97	1.58	1.98	1.73	2.20	3.03	3.41	2.93	3.30
26 x 30	2- 6½ x 5- 6	1.67	2.04	1.96	2.39	2.09	2.53	2.70	3.09	1.71	2.11	1.80	2.23	3.10	3.47	3.00	3.43
28 x 28	2- 8½ x 5- 2	1.68	2.05	1.97	2.40	2.10	2.54	2.71	3.14	1.72	2.12	1.80	2.24	3.43	3.86	3.00	3.43
28 x 30	2- 8½ x 5- 6	1.69	2.06	1.98	2.41	2.11	2.55	2.72	3.15	1.73	2.13	1.82	2.25	3.44	3.87	3.01	3.44
28 x 32	2- 8½ x 5-10	1.88	2.31	2.24	2.72	2.38	2.85	2.96	3.41	1.97	2.45	2.09	2.47	3.72	4.19	3.27	3.76
30 x 24	2-10½ x 4- 6	1.65	2.09	1.94	2.44	2.07	2.57	2.67	3.18	1.68	2.19	1.78	2.29	3.41	3.92	2.98	3.49
30 x 28	2-10½ x 5- 2	1.77	2.24	2.11	2.64	2.26	2.77	2.85	3.36	1.84	2.35	1.96	2.49	3.59	4.11	3.16	3.79
30 x 30	2-10½ x 5- 6	1.99	2.37	2.33	2.84	2.46	2.97	3.07	3.53	2.07	2.60	2.18	2.68	3.81	4.31	3.38	3.88
30 x 32	2-10½ x 5-10	2.04	2.51	2.42	2.96	2.55	3.09	3.14	3.65	2.16	2.71	2.27	2.81	3.89	4.43	3.47	4.00
32 x 28	3- 0½ x 5- 2	2.13	2.54	2.51	3.03	2.64	3.16	3.25	3.76	2.26	2.77	2.35	2.87	3.98	4.50	3.55	4.84
32 x 30	3- 0½ x 5- 6	2.34	2.74	2.78	3.25	2.93	3.38	3.41	3.91	2.53	2.99	2.52	3.09	4.26	4.72	3.83	5.06
36 x 28	3- 4½ x 5- 2	2.46	2.86	2.94	3.39	3.07	3.52	3.56	4.02	2.77	3.23	2.78	3.25	4.76	5.28	3.97	4.43
36 x 30	3- 4½ x 5- 6	2.48	2.88	2.95	3.40	3.08	3.53	3.67	4.13	2.78	3.25	2.78	3.25	4.77	5.30	3.98	4.44
36 x 32	3- 4½ x 5-10	.....	3.14	.....	3.75	.....	3.88	.....	4.27	.....	3.60	.....	.....	.....	5.60	.....	4.80
40 x 28	3- 8½ x 5- 2	.....	2.97	.....	3.48	.....	3.61	.....	4.38	.....	3.32	.....	.....	.....	5.30	.....	4.52

Single Sash, Transoms and Blinds

TRANSOM SASH



10-K-80

Outside Width Ft. In.	Measure Height In.	Thick- ness	Price 1 Lgt. Glazed
2-6	x 10	1 1/2	\$0.40
2-6	x 12	1 1/2	.41
2-6	x 14	1 1/2	.43
2-6	x 16	1 1/2	.46
2-6	x 18	1 1/2	.61
2-6	x 20	1 1/2	.73
2-8	x 10	1 1/2	.41
2-8	x 12	1 1/2	.42
2-8	x 14	1 1/2	.48
2-8	x 16	1 1/2	.51
2-8	x 18	1 1/2	.56
2-8	x 20	1 1/2	.69
2-10	x 10	1 1/2	.46
2-10	x 12	1 1/2	.47
2-10	x 14	1 1/2	.48
2-10	x 16	1 1/2	.55
2-10	x 18	1 1/2	.61
2-10	x 20	1 1/2	.77
3-0	x 12	1 1/2	.54
3-0	x 14	1 1/2	.55
3-0	x 16	1 1/2	.62
3-0	x 18	1 1/2	.69
3-0	x 20	1 1/2	.74
3-6	x 16	1 1/2	.92
3-6	x 20	1 1/2	1.05
4-0	x 16	1 1/2	1.25
4-0	x 20	1 1/2	1.62
4-0	x 24	1 1/2	1.98

ATTIC SASH



1-Light
3-Inch
Bottom
Rail
1 1/2 Inch
thick

10-K-84

Size of Glass Inches	Price Glazed	Outside Measure Ft. In. Ft. In.
18 x 20	\$0.62	1-10 x 2-1
20 x 20	.65	2-0 x 2-1
20 x 24	.69	2-0 x 2-5
24 x 24	.86	2-4 x 2-5
24 x 28	.91	2-4 x 2-9
24 x 30	.95	2-4 x 2-11

STALL SASH



1 Light
1 1/2 Inch Thick
2-Inch Rail All
Around

10-K-83

Size of Glass	Price per Sash Glazed
10" x 12"	\$0.39
10" x 14"	.40
12" x 14"	.42
12" x 16"	.43

CELLAR SASH



2 Light
1 1/2 Inch
Thick

10-K-81

Size of Glass Inches	Price Glazed Single Double	Outside Measure W'th H't Ft. In. Ft. In.
10x12	\$0.40 \$0.68	2-1 x 1 1/2
10x14	.43 .75	2-1 x 18
10x16	.51 .90	2-1 x 20
10x18	.53 .95	2-1 x 22
10x20	.72 1.52	2-1 x 24
12x12	.48 .86	2-5 x 16
12x14	.52 .92	2-5 x 18
12x16	.53 .96	2-5 x 20
12x18	.57 1.03	2-5 x 22
12x20	.73 1.25	2-5 x 24
14x16	.62 1.12	2-9 x 20
14x18	.66 1.21	2-9 x 22
14x20	.77 1.43	2-9 x 24



Cellar
Sash
3 Lights
1 1/2 Inch
Thick

10-K-82

Size of Glass Inches	Price Glazed Single Double	Outside Measure W'th H't Ft. In. Ft. In.
7x 9	\$0.39 \$0.66	2-1 x 1-1
8x10	.41 .70	2-4 x 1-2
8x12	.46 .81	2-4 x 1-4
8x14	.48 .86	2-4 x 1-6
9x12	.50 .88	2-7 x 1-4
9x14	.51 .90	2-7 x 1-6
9x16	.54 .97	2-7 x 1-8
10x12	.55 .97	2-10 x 1-4
10x14	.56 1.01	2-10 x 1-6
10x16	.63 1.15	2-10 x 1-8
12x12	.76 1.32	3-4 x 1-4
12x14	.77 1.43	3-4 x 1-6
12x16	.88 1.49	3-4 x 1-8
12x18	1.05 1.64	3-4 x 1-10

BARN SASH



4 Lights
1 1/2 Inch
Thick
2-Inch Rail All
Around

10-K-86

Size of Glass	Price Glazed
8" x 10"	\$0.52
9" x 12"	.59
9" x 14"	.68
10" x 12"	.66
10" x 14"	.69
12" x 14"	.83
12" x 16"	.84
12" x 18"	.94

10-K-87

Size of Glass	Price Glazed
8" x 10"	\$0.75
9" x 12"	.88
10" x 12"	.97
10" x 14"	1.07
10" x 16"	1.23
12" x 16"	1.35

OUTSIDE BLINDS



Outside Blinds are made in pairs of two half sections and each unit price covers two half sections for the size window listed, so when you order a pair of blinds you get two sections to cover one window opening. Prices listed are for rolling slat outside blinds, not stationary slats.

Blinds for pantry windows, being narrow, may be made in one single piece, or in pairs, and they are priced accordingly, 1 single blind or 1 pair for 1 window opening at prices listed.

They are well manufactured of first class Soft Pine Lumber, accurately machined and are shipped unpainted.

Blinds for windows of ordinary height are made two sections high as per illustration. For any other than ordinary sizes, we reserve the right to make them more or less than two sections in height.

The Column under glass sizes means that these are the sizes of glass of windows for which blinds are intended.

For Blinds with Stationary Slats or Half Stationary and Half Rolling Slats, add 50 per cent to prices in accompanying table.

10-G-94. FOR 2-LT. WINDOWS. Blinds 1 1/2 Inch Thick

Size of Glass	Price per Pair	Outside Measure Ft. In. Ft. In.	Size of Glass	Price per Pair	Outside Measure Ft. In. Ft. In.
16 x 20	\$1.24	1-8 x 3-11	24 x 26	\$1.64	2-4 x 4-11
16 x 24	1.43	1-8 x 4-7	24 x 28	1.68	2-4 x 5-3
16 x 26	1.54	1-8 x 4-11	24 x 30	1.70	2-4 x 5-7
16 x 28	1.58	1-8 x 5-3	24 x 32	1.72	2-4 x 5-11
18 x 20	1.24	1-10 x 3-11	24 x 34	2.01	2-4 x 6-3
18 x 22	1.40	1-10 x 4-3	26 x 24	1.55	2-6 x 4-7
18 x 24	1.43	1-10 x 4-7	26 x 26	1.56	2-6 x 4-11
18 x 26	1.54	1-10 x 4-11	26 x 28	1.66	2-6 x 5-3
18 x 28	1.58	1-10 x 5-3	26 x 30	1.71	2-6 x 5-7
18 x 30	1.64	1-10 x 5-7	26 x 32	1.79	2-6 x 5-11
20 x 20	1.28	2-0 x 3-11	28 x 24	1.54	2-8 x 4-7
20 x 24	1.43	2-0 x 4-7	28 x 26	1.58	2-8 x 4-11
20 x 26	1.54	2-0 x 4-11	28 x 28	1.64	2-8 x 5-3
20 x 28	1.58	2-0 x 5-3	28 x 30	1.75	2-8 x 5-7
20 x 30	1.64	2-0 x 5-7	28 x 32	1.77	2-8 x 5-11
20 x 32	1.69	2-0 x 5-11	28 x 36	2.36	2-8 x 6-7
22 x 24	1.44	2-2 x 4-7	30 x 24	1.79	2-10 x 4-7
22 x 26	1.54	2-2 x 4-11	30 x 26	1.89	2-10 x 4-11
22 x 28	1.58	2-2 x 5-3	30 x 28	2.01	2-10 x 5-3
22 x 30	1.64	2-2 x 5-7	30 x 30	2.07	2-10 x 5-7
22 x 32	1.70	2-2 x 5-11	30 x 32	2.14	2-10 x 5-11
24 x 20	1.40	2-4 x 3-11	30 x 34	2.28	2-10 x 6-3
24 x 24	1.44	2-4 x 4-7	30 x 36	2.40	2-10 x 6-7

10-G-95. FOR 2-LT. PANTRY WINDOWS. Blinds 1 1/2 Inch Thick.

Size of Glass	Single or Pair	Outside Measure Ft. In. Ft. In.	Size of Glass	Single or Pair	Outside Measure Ft. In. Ft. In.
12 x 20	\$0.95	1-4 x 3-11	12 x 30	\$1.09	1-4 x 5-7
12 x 24	.99	1-4 x 4-7	14 x 24	1.16	1-6 x 4-7
12 x 26	1.00	1-4 x 4-11	14 x 28	1.20	1-6 x 5-3
12 x 28	1.03	1-4 x 5-3	14 x 30	1.26	1-6 x 5-7

10-G-96. FOR 4-LT. WINDOWS. Blinds 1 1/2 Inch Thick.

Size of Glass	Price per Pair	Outside Measure Ft. In. Ft. In.	Size of Glass	Price per Pair	Outside Measure Ft. In. Ft. In.
10 x 20	\$1.24	2-1 x 3-11	12 x 30	\$1.64	2-5 x 5-7
10 x 24	1.43	2-1 x 4-7	14 x 24	1.57	2-9 x 4-7
10 x 26	1.54	2-1 x 4-11	14 x 26	1.58	2-9 x 4-11
10 x 28	1.56	2-1 x 5-3	14 x 28	1.64	2-9 x 5-3
12 x 20	1.24	2-5 x 3-11	14 x 30	1.75	2-9 x 5-7
12 x 24	1.40	2-5 x 4-7	14 x 32	1.77	2-9 x 5-11
12 x 26	1.56	2-5 x 4-11	15 x 30	2.05	2-11 x 5-7
12 x 28	1.57	2-5 x 5-3	15 x 32	2.16	2-11 x 5-11

10-G-97. FOR 8-LT. WINDOWS. Blinds 1 1/2 Inch Thick

Size of Glass	Price per Pair	Outside Measure Ft. In. Ft. In.	Size of Glass	Price per Pair	Outside Measure Ft. In. Ft. In.
8 x 10	\$1.39	1-9 x 3-11	12 x 14	\$1.56	2-5 x 5-3
9 x 12	1.41	1-11 x 4-7	12 x 16	1.68	2-5 x 5-11
10 x 12	1.41	2-1 x 4-7	14 x 16	1.77	2-9 x 5-11
10 x 14	1.56	2-1 x 5-3	14 x 18	2.35	2-9 x 6-7

10-G-98. FOR 12-LT. WINDOWS. Blinds 1 1/2 Inch Thick.

Size of Glass	Price per Pair	Outside Measure Ft. In. Ft. In.	Size of Glass	Price per Pair	Outside Measure Ft. In. Ft. In.
8 x 10	\$1.25	2-4 1/2 x 3-11	10 x 12	\$1.79	2-10 1/2 x 4-7
9 x 12	1.54	2-7 1/2 x 4-7	10 x 14	2.01	2-10 1/2 x 5-3
9 x 14	1.64	2-7 1/2 x 5-3	10 x 16	2.15	2-10 1/2 x 5-11

All sash are primed in Linseed Oil or given a coat of white lead. Prices on sizes not listed here will be quoted on application.

French Windows and Doors

French Windows \$275 AND UPWARDS PER PAIR

No home is complete without a pair of our handsome and artistic French Windows. They harmonize with any style of architecture. Made of best quality "A" grade Soft White Pine stock, glazed with clear double strength glass. They are furnished in pairs, rabbeted at the center where the sash join, in the manner of a cup board door, thus insuring a close fit. Strong wood dividing bars are used and the sash are built in the most substantial manner.

The three designs we show here are the most desirable as well as the most popular.

All our French Windows are made to order only.



FRENCH WINDOW, 10-H-304.



FRENCH WINDOW, 10-H-305.



FRENCH WINDOW, 10-H-306.

PRICES PER PAIR OF FRENCH WINDOWS

1 3/4 Inch Thick OPENING SIZE		Glazed Clear D. S. A. Glass		
Ft. In.	Ft. In.	10-H-304	10-H-305	10-H-306
2-8	x 3-6	\$3.20	\$3.70	\$2.75
2-8	x 3-10	3.35	4.00	2.95
2-8	x 4-2	3.50	4.20	3.10
2-8	x 4-6	3.70	4.35	3.30
2-8	x 4-10	3.90	4.45	3.50
2-8	x 5-2	4.05	4.50	3.60
2-8	x 5-6	4.35	5.00	3.75
2-8	x 5-10	4.55	5.20	4.10
2-10	x 5-2	4.40	4.55	4.15
2-10	x 5-6	4.65	4.75	4.40
3-0	x 3-6	3.30	3.95	2.90
3-0	x 3-10	3.45	4.09	3.00
3-0	x 4-2	3.65	4.35	3.25
3-0	x 4-6	3.85	4.50	3.45
3-0	x 4-10	4.05	4.75	3.65
3-0	x 5-2	4.45	5.00	4.20
3-0	x 5-6	4.70	5.25	4.45
3-0	x 5-10	4.90	5.50	4.50
3-4	x 3-6	3.50	4.10	3.00
3-4	x 3-10	3.60	4.30	3.15
3-4	x 4-2	3.90	4.50	3.40
3-4	x 4-6	4.10	4.70	3.55
3-4	x 4-10	4.40	5.05	3.85
3-4	x 5-2	4.60	5.20	4.25
3-4	x 5-6	4.80	5.40	4.48
3-4	x 5-10	5.10	5.70	4.50
3-8	x 3-6	3.60	4.30	3.10
3-8	x 3-10	3.80	4.50	3.40
3-8	x 4-2	4.20	4.80	3.60
3-8	x 4-6	4.40	5.00	3.85
3-8	x 4-10	4.60	5.30	4.00
3-8	x 5-2	5.50	5.60	4.30
3-8	x 5-6	5.60	5.80	4.40
3-8	x 5-10	5.70	5.95	4.65
4-0	x 3-6	3.80	4.40	3.30
4-0	x 3-10	4.10	4.75	3.45
4-0	x 4-2	4.40	5.00	3.75
4-0	x 4-6	4.60	5.20	4.00
4-0	x 4-10	4.80	5.40	4.20
4-0	x 5-2	4.95	5.40	4.35
4-0	x 5-6	5.30	6.00	4.60
4-0	x 5-10	5.70	6.30	4.85
4-4	x 3-6	4.00	4.65	3.55
4-4	x 3-10	4.30	4.90	3.65
4-4	x 4-2	4.50	5.15	3.85
4-4	x 4-6	4.70	5.35	4.20
4-4	x 4-10	4.90	5.60	4.30
4-4	x 5-2	5.30	5.90	4.60
4-4	x 5-6	5.60	6.20	4.75

Quality French Doors Extra Strong Manufacture

In the more up-to-date residences, bungalows, and modern homes, French Doors and Windows are becoming increasingly popular. They add much to the charm and beauty of the home. And the expense is a small item compared to the satisfaction you will get from the artistic results. Whether building a new house or remodeling an old one, this feature should not be neglected as you will greatly enhance the value and attractiveness of your property in so doing. A pair of these doors leading from your living room to the porch will add just the right touch to make a perfect ensemble. They are also used for balcony doors, or the opening to the conservatory or between rooms.

Our French Doors are made in pairs, rabbeted at center where the doors join.

Furnished in "A" quality Soft Pine or Veneered Clear Red Oak or Northern Birch; glazed Clear "A" double strength glass, plain plate or the beautiful beveled plate glass.

These doors are made extra strong and heavy, 1 3/4 in. thick. We carry these doors in stock in Pine, Oak or Birch for immediate shipment.

Do not confuse our quality French doors with the flimsy kind that may be offered at as low or sometimes lower price.

French Doors 10-J-310.

PRICES PER PAIR

For single French doors without rabbet, take half the price of a pair and add 50c extra.

Glazed Clear Double Strength Glass.

1 3/4 Inches Thick SIZES		Soft Pine	Red Oak	North- ern Birch
Ft. In.	Ft. In.			
4-0	x 6-8	\$7.98	\$9.50	\$9.25
4-0	x 7-0	8.28	10.50	10.25
5-0	x 6-8	8.60	10.90	10.75
5-0	x 7-0	8.85	11.50	11.25

Glazed Plain Plate Glass.

4-0	x 6-8	\$11.80	\$13.50	\$13.25
4-0	x 7-0	12.25	13.75	13.50
5-0	x 6-8	12.75	15.00	14.75
5-0	x 7-0	13.00	16.50	16.25

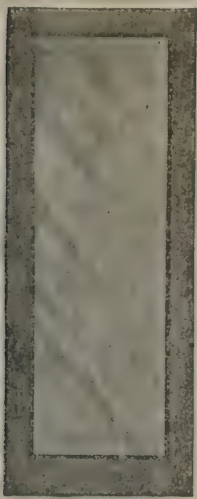
Glazed Beveled Plate Glass.

4-0	x 6-8	\$16.50	\$18.95	\$18.75
4-0	x 7-0	16.75	19.25	19.00
5-0	x 6-8	19.00	20.20	20.00
5-0	x 7-0	19.50	20.75	20.50



FRENCH DOORS, 10-J-310.

The Handy Man's Page



10-J-201



10-J-204

China Closet Doors

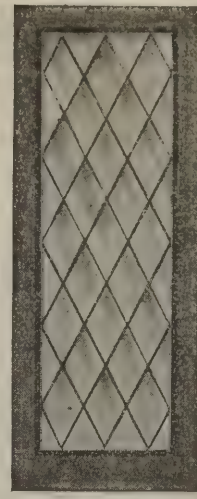
In these four designs, we offer a choice from which any one building his own china closet can make a satisfactory selection. No. 10-J-201 is glazed clear glass, and Nos. 10-J-204 and 10-J-202 are glazed with Leaded Crystal Glass. No. 10-J-203 is exceptionally artistic and is only slightly higher in price. This is a leaded art glass pattern of very appropriate design.

Our China Closet Doors are made $\frac{1}{4}$ or $1\frac{1}{2}$ -inch thick and furnished at the following low prices, in either clear Yellow Pine or White Pine:

Prices on China Closet Doors

SIZES	10-J-201	10-J-204	10-J-202	10-J-203
1-6 x 3-0	\$1.04	\$1.96	\$1.95	\$2.18
1-8 x 3-4	1.22	2.44	2.45	2.72
1-6 x 4-0	1.19	2.47	2.46	2.77
1-8 x 4-0	1.38	2.80	2.81	3.14

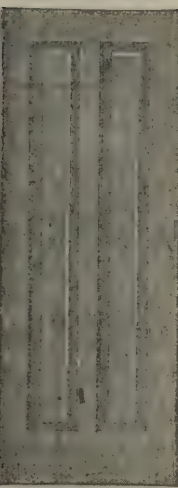
For Red Oak Wood add 50c extra each Door.



10-J-202



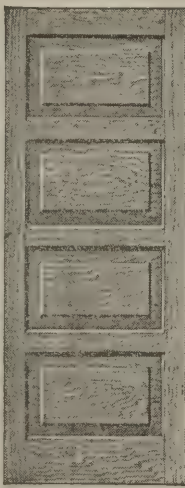
10-J-203



Cup-board Doors

Made from Clear Yellow Pine and Clear Red Oak

Two Panel or Cross Panel



$\frac{1}{4}$ or $1\frac{1}{2}$ inches thick.

Strong and Well Built.

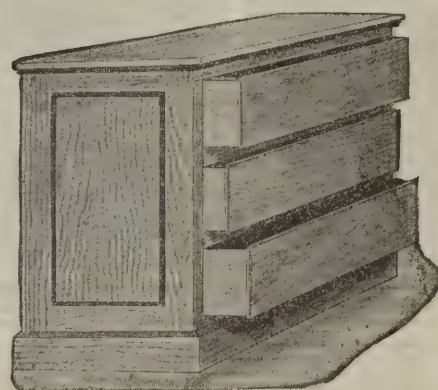
Drawer Case

Useful in many ways. Suitable for storing linen and can be placed in bedroom or hall closet. The drawers are deep and roomy, made with lip front which keeps out the dust. Clear Yellow Pine for oil finish is generally used for the face, but can also furnish in soft pine, and other soft woods for paint if preferred. These cases are all made 2 feet 10 inches high; widths from 2 feet 6 inches to 4 feet 6 inches. Drawers are 12 to 16 inches deep from front to back, all at same price, and we usually furnish 18-inch, unless otherwise ordered.

Prices below are for beaded ceiling panels, sides or ends. If paneled as shown in picture add 50c extra per case.

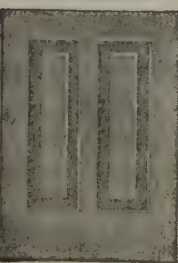
Prices—Order by No. 10-G-878.

SIZES	Open Sides and Back	Closed Sides Open Back	Closed Sides and Back
2 ft. 6 in. wide..	\$4.50	\$5.75	\$6.50
3 ft. 0 in. wide..	4.50	5.75	6.50
3 ft. 6 in. wide..	5.00	6.50	7.15
4 ft. 0 in. wide..	5.75	7.15	8.10
4 ft. 6 in. wide..	6.50	7.90	8.75



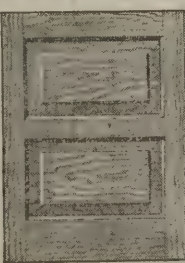
10-G-878

Generally built between walls or made stationary in a corner, and we furnish with open or closed sides and back, as ordered, including the front, top and 3 drawers.



10-J-222

Prices



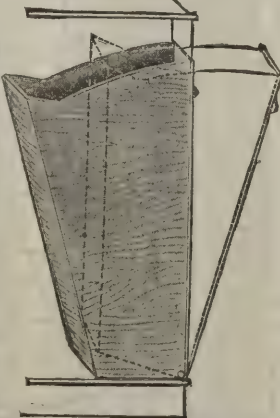
10-J-225

Two-Panel Cupboard Doors 10-J-222

SIZES	$\frac{1}{4}$ inch Thick Yellow Pine	$1\frac{1}{2}$ inch Thick Yellow Pine	$\frac{1}{4}$ inch Thick Red Oak	$1\frac{1}{2}$ inch Thick Red Oak
Width Height Ft. In. Ft. In.				
1-6 x 2-0	\$0.42	\$0.47	\$0.83	\$0.96
1-6 x 2-6	.54	.59	1.10	1.19
1-6 x 2-10	.65	.70	1.25	1.35
1-6 x 3-0	.75	.80	1.35	1.48
1-6 x 4-0	.89	.95	1.76	1.94
1-6 x 5-0	.98	1.10	1.90	2.10
1-8 x 2-6	.59	.65	1.23	1.35
1-8 x 2-10	.72	.78	1.35	1.48
1-8 x 4-0	.99	1.04	1.94	2.15
1-8 x 4-6	1.10	1.15	2.20	2.42
2-0 x 3-0	.85	.92	1.48	1.60
2-0 x 4-6	1.08	1.16	2.02	2.25
2-0 x 5-0	1.18	1.24	2.15	2.45

Flour Bins

Made to set in wall pocket or Pantry Case. Hung by means of hinges at bottom face. Made of selected wood, clear yellow pine face and lined with Poplar or Whitewood. The picture is a view of the bin taken at an angle from the back. It is constructed so that when the bin swings out, it is caught and held in place. These bins are made 2 feet 6 inches high, 1 foot 6 inches wide, 9 inches deep at bottom and 17 inches at top.



Cross Panel Cupboard Doors 10-J-225

SIZES	$\frac{1}{4}$ inch Thick Yellow Pine	$1\frac{1}{2}$ inch Thick Yellow Pine	$\frac{1}{4}$ inch Thick Red Oak	$1\frac{1}{2}$ inch Thick Red Oak
Width Height Ft. In. Ft. In.				
1-6 x 2-0	\$0.53	\$0.64	\$0.90	\$1.03
1-6 x 2-6	.62	.67	1.22	1.34
1-6 x 4-0	.98	1.05	1.88	2.05
1-8 x 2-6	.69	.73	1.35	1.46
1-8 x 4-0	1.08	1.14	2.06	2.26
1-8 x 4-6	1.28	1.34	2.32	2.54

Separate Drawers



10-J-879

These drawers are made from seasoned, selected stock, with clear Yellow Pine lip face and soft wood body. They are well manufactured in every way. We furnish in the most desirable sizes, listed below all drawers being made 18-inch deep.

Prices 10-J-879

Sizes width up to	H'ght in.	D'pth In.	Price, Each K. D.		Price, Each Set Up.	
			Y. P.	Oak	Y. P.	Oak
1'5"	4 1/2	18	\$0.55	\$0.72	\$0.75	\$0.94
3'	6	18	.60	.77	.81	1.01
4'	8	18	.75	.92	1.05	1.27
4'6"	9	18	.96	1.10	1.21	1.43
5'	10	18	1.15	1.21	1.52	1.65

Suitable hardware trimmings—Drawer Pulls, Hinges, Door Catches, etc.—will be found described in Hardware section.

Church Windows, Doors, Etc.

We show on this page, a few of the most popular designs in Church Windows, Church Doors, Frames, etc. It would be impossible to catalogue all of the different designs, but these will serve to indicate that we are in position to supply any material of this character. Write us for prices on any special church window, door and frame. Our factory is equipped to make these items to order on short notice.



10-H-1900

10-H-1902

10-H-1904

The three Church Window designs shown above have been selected as the best values and are in accordance with the approved standards. Designs 10-H-1900 and 10-H-1902 are not furnished in colors. Design 10-H-1904 has enamel center with border lights in assorted colors.

Gothic and Half Circle Top Window

1 1/4" Thick, Check Rail, A Quality, White Pine

SIZES Outside Measure Ft. In. Ft. In.	10-H-1900 Glazed Florentine	10-H-1902 Glazed Chipped	10-H-1904 Fancy Enamel Center Assorted Colored Border Lights
2-6 x 5-6	\$5.50	\$5.75	\$10.60
2-6 x 6-6	\$5.90	6.20	10.95
2-8 x 8-0	6.95	7.30	12.40
3-0 x 9-0	8.25	8.70	13.80
4-0 x 9-0	10.60	11.20	16.05

Windows with half circle top in and out same prices as above.

Gothic and Half Circle Frames and Louvres



For larger sizes or different designs, write for prices. All frame prices are for regular standard frame building or brick wall. If wider jambs are required we will quote special prices.

Frames

10-H-2000.
Gothic Top
In and Out
as Shown.

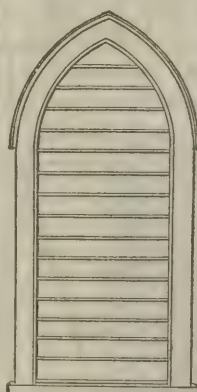
Price does not include windows. See above.

Frames with Half Circle Top in and out, same prices.

Louvres

10-H-2020.
Gothic Top
In and Out
as Shown

All Louvres 3/8" thick. Jambes are dadoed to receive the louvres, making a perfect job.



Opening Size of Windows Ft. In. Ft. In.	2x4 Stud-ding	Brick or Brick Veneer	Opening Size of Windows Ft. In. Ft. In.	2x4 Stud Drip Cap	Brick or Brick Veneer
2-6 x 5-6	\$6.50	\$7.85	2-0 x 2-0	\$6.45	\$7.50
2-6 x 6-6	6.60	7.95	2-0 x 3-0	7.15	8.22
2-8 x 8-0	7.90	9.30	2-0 x 4-0	7.90	8.95
3-0 x 9-0	10.05	11.45	3-0 x 2-0	7.20	8.25
4-0 x 9-0	12.90	14.30	3-0 x 4-0	8.60	10.00

Louvre Frames Half Circle in and out, same price as No. 10-H-2020. For Gothic or Half Circle out, square in, deduct \$1.40 from No. 10-H-2020.

Gothic Top Church Doors In Pairs as Shown.

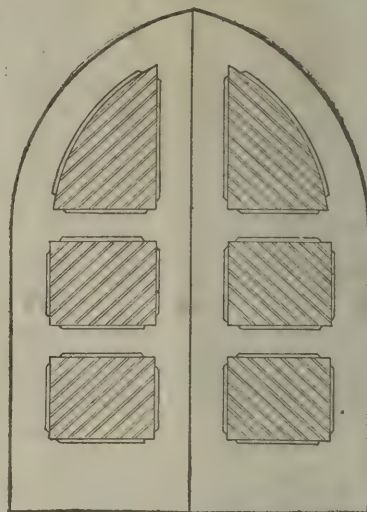
Also Gothic Top Single Doors to match pairs. All First Class White Pine 1 1/4" thick.

Opening Size of Doors in Pairs Ft. In. Ft. In.	10-H-2030 Price per pair as shown
4-0 x 7-0	\$17.20
5-0 x 7-0	19.30
4-0 x 8-0	20.40
5-0 x 8-0	21.45
6-0 x 8-0	24.30

Prices on Single Doors Gothic Top

Size Ft. In. Ft. In.	Price each
3-0 x 7-0	\$12.50
3-0 x 7-6	13.10
3-0 x 8-0	13.60

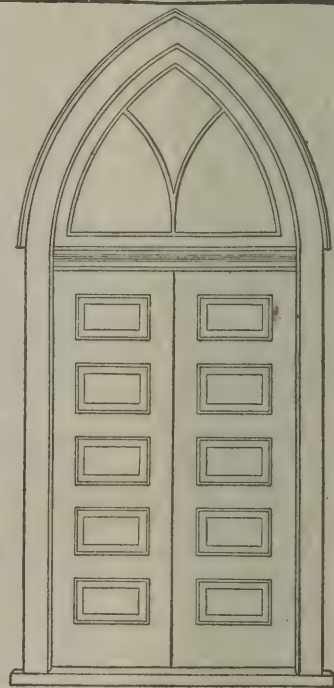
For Flat Panels instead of beaded as shown, add 50c per door. For square top doors as shown below in frame No. 10-H-2002, see stock cross panel doors in this book.



10-H-2020

Gothic Church Entrance Frame, Doors and Transoms.

The illustration here portrays the true Gothic style which is generally specified for the better class of churches. The frame as shown with outside casings, is intended for a building of wood frame construction. In our table of prices we also quote on frames for brick or brick veneer walls. The frames are made to order from carefully selected woods, suitable for the purpose. All exposed wood is practically clear stock. See preceding pages of "A" Grade Frames for further description.



EXPLANATION—By Gothic "Top In and Out" is meant that the Sash and Frame both are Gothic Head. So do not confuse our prices with those quoted where the sash is square head and the frame only is Gothic.

Frame is 10-H-2002 Transom is 10-H-2004

For Doors see regular Door Pages of this book.

Opening Size of Door or Pair of Doors	Approximate Size of Transom	10-H-2002 Frame Gothic Top In and Out as shown	10-H-2004 Transom Gothic Top In and Out 1 1/4" Thick
Ft. In. Ft. In.	Ft. In. Ft. In.	For 2x4 Stud-ding	For Brick, Stone, Cement Block, or Brick Veneer Walls
2-8 x 6-8	2-8 x 2-4	\$9.30	\$9.80
3-0 x 7-0	3-0 x 5-4	9.40	9.90
4-0 x 7-0	4-0 x 3-4	10.75	11.30
5-0 x 7-0	5-0 x 4-4	11.45	12.00
6-0 x 7-0	6-0 x 5-4	14.30	15.00
			Gla. Florentine or chipped
			D. S. A.
			\$5.75 \$5.95
			6.30 6.55
			8.70 9.00
			12.25 12.65
			15.80 16.30

Frames with Half Circle Top in and out same prices as above.

Art Glass FOR Church Windows

Quality High
Prices Low

It would be almost impossible to do justice in colors to the designs we show on this page. We leave it to your own taste to select the colors. The illustrations are more to show the design and the prices. Whenever an order warrants we will submit colored designs showing just how the finished window will look if so desired.

Our factory's work in this line is of the very best and will compare favorably with the work turned out by the best known firms in the country. When ordering church windows it is best to order the sash and frames from us as well. Then you are sure a perfect fit.

We will not only save you big money on the art glass but on the frame and sash as well. You will get your shipment from one point and you will get it with the glass already set into the sash, safe delivery to your station guaranteed.

If you order without the sash, or frames be sure to send exact measurements and full size paper pattern of all odd sash lights.

Art glass quoted on this page is based on using leaded bars. Zinc, Copper, Brass bars furnished at an extra cost. Prices cheerfully furnished.

Workmanship, colors, glass first quality in every respect.

On design No. 1968 the price \$1.95 per foot is for the glass without the portrait. While the illustration shows the figure of our Saviour other figures are furnished at approximately the same price, depending upon the amount of work required.

No orders for Leaded or Art Glass executed for less than the price of 3 square feet of glass.

DON'T

Buy Art Glass
Of Any Kind
Before You Get
OUR PRICES.

Submit a sketch or
description of
what you want.

We can furnish any
design that's made.

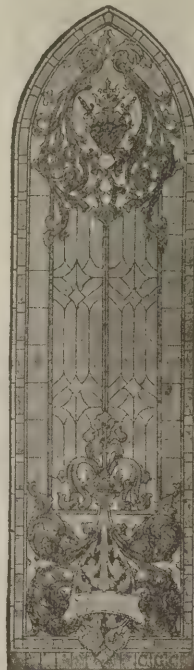
HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago.

Colored Art Church Window Designs

We have thousands of others. If you are building a church, write us for water color sketches.



No. 10-H-1966.
90c sq. ft.



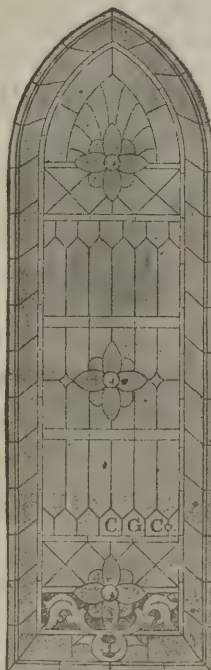
No. 10-H-1967.
\$2.15 sq. ft.



No. 10-H-1968.
\$1.95 sq. ft.



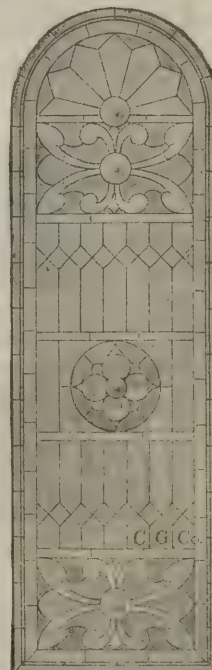
No. 10-H-1969.
\$2.90 sq. ft.



No. 10-H-1970.
80c sq. ft.



No. 10-H-1971.
75c sq. ft.



No. 10-H-1972.
77c sq. ft.



No. 10-H-1973.
85c sq. ft.

Write to us for Prices on Church Furniture—Pulpits, Pews, Seats, Etc.

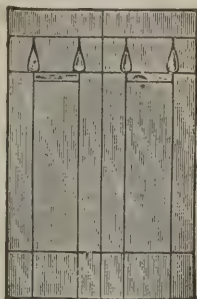
Latest Creations in Art Glass

These black and white reproductions do not show the designs to the best advantage. The six designs shown in the top row are made with a tasteful selection of colors in the darker shaded portions, the remainder being clear crystal. The four designs in the second row are leaded sheet crystal, very beautiful in effect and furnished at prices far below the regular offering. Design No. 1541-X is also leaded crystal, while the remaining six designs at the bottom of this page are leaded beveled plate.



10-E-1505X

Price per sq. ft.\$0.60



10-E-1517X

Price per sq. ft.\$0.50

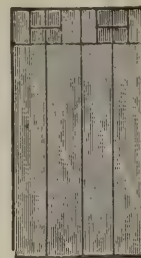


10-E-1520X

Price per sq. ft.\$0.50

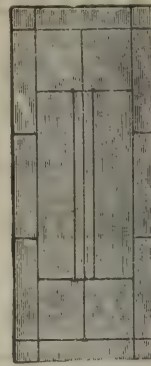


10-E-1511X



10-E-1514X

Price per sq. ft. \$0.46



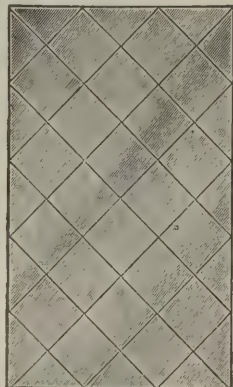
10-E-1523X

Price per sq. ft.\$0.50

LEADED DESIGNS GLAZED CLEAR SHEET CRYSTAL



10-H-1540



10-H-1542

Prices Per Square Foot

10-H-1540.....37c

10-H-1542.....44c

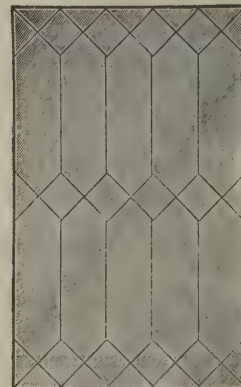
10-H-1545.....57c

10-H-1548.....43c

NOTE.—The designs on this page are made to order and on account of the skilled labor we fix a minimum charge for not less than 3 square feet of any one design.

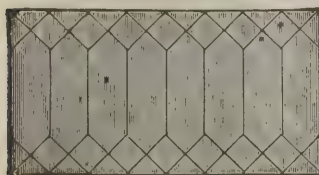


10-H-1545]



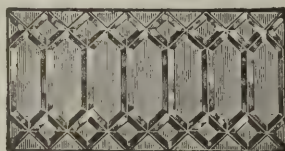
10-H-1548

BEAUTIFUL LEADED BEVELED PLATE



Leaded
Clear Sheet Crystal.
10-E-1541X

Price per sq. ft.\$0.38



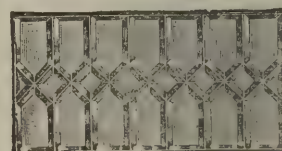
10-E-1550-X

Price per sq. ft.\$1.30



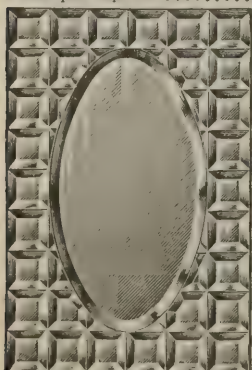
10-E-1562X

Price per sq. ft. \$1.75



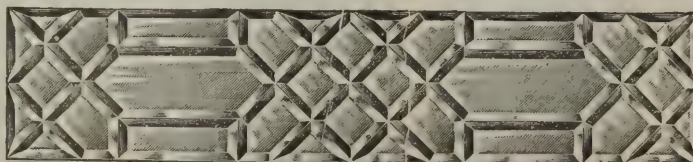
10-E-1553X

Price per sq. ft.\$1.30



Stairway or Door Light.

10-H-1552



Side Light for Colonial Front Entrances.

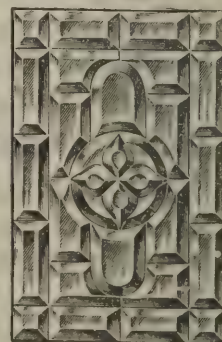
10-H-1554

10-H-1552.....Per Square Foot.....\$1.60

10-H-1554....." " " 1.50

10-H-1557....." " " 1.57

Send for our Beautiful Colored Art Glass Pamphlet showing some 60 of the most exquisite modern Art and Art Noveaux Glass Designs at less than half of Art glass store prices.

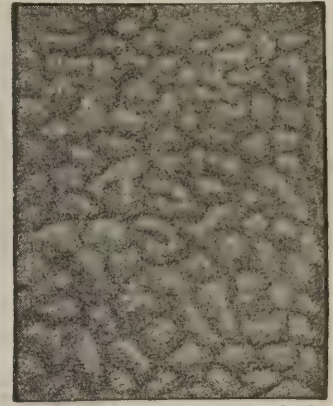


Stairway or Door Light.

10-H-1557

Ribbed, Wire, Prism and Fancy Glass

THE SUPERIOR character of our materials is nowhere better evidenced than in our fancy glass which take first rank both in quality and designs. We reproduce here, four recognized standards in fancy glass, Florentine, Chipped, Mazed and Cathedral. The first three mentioned are not made in colors. Cathedral glass can be furnished in Red, Green, Blue and Amber. Any of these designs can be used where an obscure glass is required such as for a front door light, transom, hall sash, bathroom window, etc. In addition to their utility, they are highly decorative.



10-J-1598X. FLORENTINE.

10-J-1595X. CHIPPED.

10-J-1588. MAZE.

CATHEDRAL (Color Selection)

Prices per Square Foot	10-J-1598X Florentine Per sq. ft.	10-J-1595X Chipped Per sq. ft.	10-J-1588 Maze Per sq. ft.	10-J-1590 Cathedral (Red) Per sq. ft.	10-J-1591 Cathedral (Green) Per sq. ft.	10-J-1593 Cathedral (Blue) Per sq. ft.	10-J-1594 Cathedral (Amber) Per sq. ft.
	15c	15c	15c	12c	12c	12c	15c

Note.—Add 25c extra for box and packing if order for glass amounts to less than \$2.00.

RIBBED GLASS

Low in price. Used for any purpose where no particular fancy job is required, at the same time obscuring the view from the curious. Just the thing for basements of apartment buildings, factories, warehouses. As it diffuses more light than any other kind of glass (except Prism), it has proven a popular skylight glass.

Ribbed glass sold in 2 thicknesses. Would suggest the heavier grade for the larger sizes.

10-J-1583X Ribbed glass, 3-16-inch thick. Price per square foot..... 14c

10-J-1586X Ribbed glass, 1/2-in. thick. Price per square ft., 18c

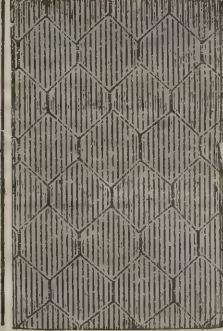


STRONG WIRE GLASS

An extra heavy quality of wire glass, serves as a double protection against fire and storms and high insurance rates. Iron shutters are frequently dispensed with where wire glass windows are used. Our wire glass is heavy stock, being 1/4-inch thick, well made and will last a lifetime. All glass 1/2 inch thick.

10-J-1580X Price per sq. ft. 22c

DON'T BUY LUMBER WITHOUT GETTING OUR PRICES.

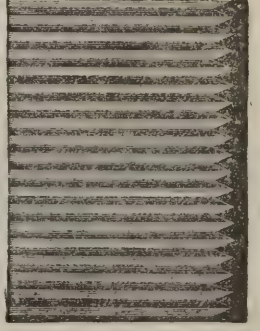


SHEET PRISM GLASS. NEW, CLEAN STOCK ONLY.

The principle of Prism glass is to gather the light from the sky and send it into all parts of dark interiors. A skylight of ordinary glass merely throws the light straight down, whereas Prism diffuses or spreads the light to all sides. Used also for transom lights in store fronts.

10-J-1589X Sheet Prism glass. Price for sizes up to 42-inch high, per square foot..... 22c

10-J-1592X Sheet Prism glass. Price for sizes up to 60 inches high, per square ft. 28c



THE "HARRIS JUNIOR" FLOOR SCRAPER

TESTIMONIAL

Harris Brothers Company, Chicago, Ill.

Gentlemen—I have now given the floor scraper recently bought a thorough test and have found same to be the best one I ever used. I would recommend the "Harris Junior" to all carpenters as I have found it far superior to even the high priced floor scraper.

Yours very truly,

(Signed) L. M. SGOGLUND, (Contractor and Builder).

Aurora, Illinois, Oct. 12, 1915

The Harris Junior is Positively the Best Scraper on the Market

for the money; and you can save enough on one job to pay for it. It is a model of efficiency and does perfect work. The body slides on the floor like a plane, insuring a uniform cut. Works equally well on all kinds of hardwood flooring, including Georgia pine. Old floors may be made to look like new. A rubber cushion over the knife prevents chattering (jumping and chopping up the surface.) Complete outfit includes: Five curved blades, size 3x4, one straight blade, oil stone, burnishing steel and wrench. This scraper has an adjustable handle easily raised or lowered. The wheels are rubber tired. Weight of machine, 70 lbs.

No. 10-G-1650. Harris Junior Floor Scraper, complete outfit as above described, F. O. B. cars, factory near Chicago. Price..... \$9.98

The method of operation is simple. The machine is pulled toward the operator, allowing the entire weight to fall upon the blade, thus assuring a steady, even cut. The blades are made of hard tempered steel.

HARRIS BROTHERS CO.
15th and Iron Streets, Chicago.

We Can Furnish Anything and Everything in Glass



For Larger Floor Scraper See Page 96.

\$9.98

A Regular Little Giant—Does the Work of 3 Men.

Wood Store Fronts



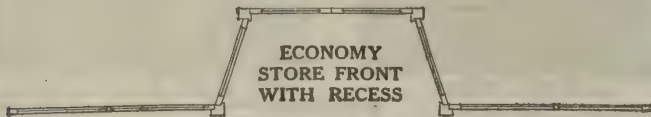
ECONOMY STORE FRONT

This illustration shows our Economy Store Front which we furnish with recess sash exactly like illustration or with a straight front without the recess sash. **Separate prices quoted as per table below.** Prices include all sash and transoms fitted with stops, one pair of doors, also all posts transom bars and sills furnished in the knock-down, all machined out and ready to set up, and material for panels. We furnish all the glass in clear double strength "A" quality, which is shipped separately, securely packed and boxed to insure against breakage in transit.

All stock manufactured from first class store front material suitable for the purpose.

PRICES OF ECONOMY STORE FRONT

SIZES		OPENING SIZES OF DOORS IN PAIRS		10-P-563 With Recess As Shown D. S. Glass	10-P-564 Without Recess D. S. Glass
Width Feet	Height Feet	Width ft. in.	Height ft. in.		
20	10	5 — 0	7 — 0	\$65.90	\$49.60
22	10	5 — 0	7 — 0	69.30	53.05
24	10	6 — 0	7 — 0	71.70	55.35
20	11	5 — 0	7 — 0	71.50	53.35
22	11	5 — 0	7 — 0	81.00	62.45
24	11	6 — 0	7 — 0	88.55	69.95
20	12	5 — 0	8 — 0	83.50	62.90
22	12	5 — 0	8 — 0	91.20	70.65
24	12	6 — 0	8 — 0	93.25	72.60

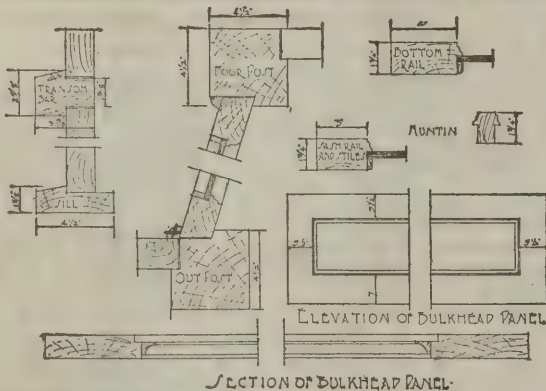


ECONOMY
STORE FRONT
WITH RECESS

FREE Blue Prints with each order.

Details of store front material as per accompanying illustration will give you an idea as to the kind and size of material that is furnished with our respective store fronts shown on this page, showing clearly its economical construction.

We furnish with each order for our Store Fronts a complete set of Architects' Blue Print Plans, Detail sheets and list specifying what each piece is for and where it is to be used, which make the work of installation easy and rapid.



SECTION OF BULKHEAD PANEL

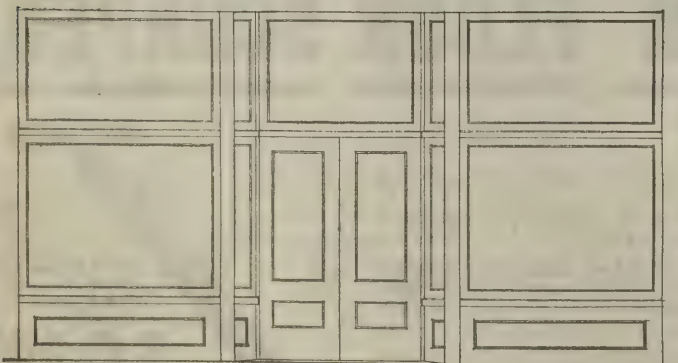
PLATE GLASS STORE FRONT

This is a popular design of modern store front of wood construction as illustrated in the lower corner. Priced in two different ways: First, exactly as shown in picture, all glass polished plate. Prices in the second column in price table below cover plate glass only for the two large sash. All other glass will be furnished in clear double strength "A" quality glass and the two recess sash as well as the transom sash will be divided in two lights instead of one light. All glass will be shipped separately securely packed and boxed to prevent breakage in transit.

Prices for this front include all sash and transoms fitted with stops, one pair of doors, also all posts, transom bars and sills furnished in knock-down all machined out and ready to set up, and material for panels.

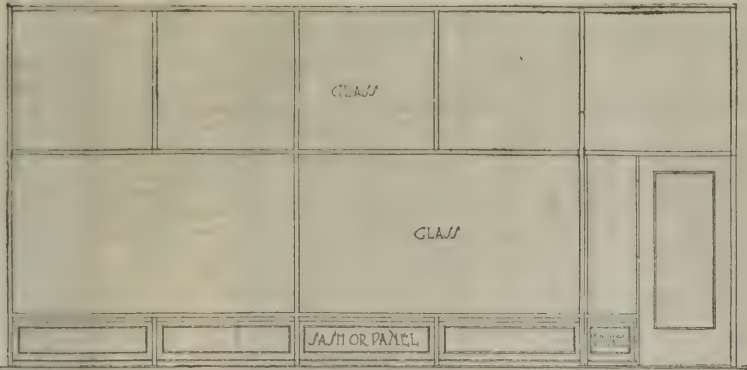
PRICES OF PLATE GLASS STORE FRONT

SIZES		OPENING SIZES OF DOORS IN PAIRS		10-P-565 As Shown All Glass Plate	10-P-566 2 Large Sash Plate Balance D.S.
Width Feet	Height Feet	Width ft. in.	Height ft. in.		
20	10	5 — 0	7 — 0	\$136.40	\$ 97.55
22	10	5 — 0	7 — 0	147.70	106.20
24	10	6 — 0	7 — 0	158.85	112.15
20	11	5 — 0	8 — 0	154.00	112.20
22	11	5 — 0	8 — 0	166.95	122.40
24	11	6 — 0	8 — 0	179.55	129.65
20	12	5 — 0	8 — 0	171.60	117.00
22	12	5 — 0	8 — 0	185.75	124.30
24	12	6 — 0	8 — 0	200.20	136.50



STORE FRONT
WITH ALL
PLATE GLASS

Steel-Faced Store Front



STEEL-FACED STORE FRONT
NO. 10-P-569.

STEEL-FACED STORE FRONT

With Plate Glass Below and Double Strength Glass Above

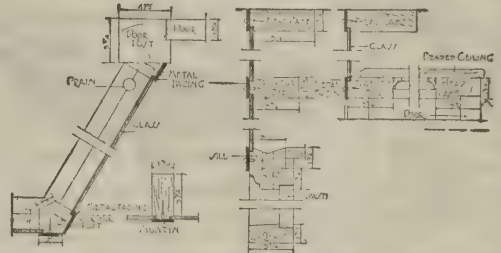
This makes one of the most substantial looking store fronts that you can buy, all exposed wood surfaces around the glass being protected by steel facings or stops instead of wood stops, bored for screws, wood-work, consisting of jambs, door and corner posts, transom bars, sills and material for panels all shipped in the knock-down. All manufactured from first class lumber suitable for the purpose. Glass shipped separately, securely boxed. The three large lights below polished plate, balance plain double strength. Single door 3 ft. by 7 ft., like No. 10-P-223, as shown below. The panels below the main sash are regularly furnished in wood, but if preferred we will furnish sash glazed with clear glass at same price as wood panels.

PRICES OF STEEL-FACED STORE FRONT. No. 10-P-569

SIZE IN FEET	20x12	22x12	24x12
Price as listed and described.....	\$160.60	\$176.00	\$200.00

FREE Blue Prints with each order

Accompanying details plainly illustrate substantial construction of steel faced store front as well as material that we supply for same. Heavy black lines show wherever we furnish steel facings or stops to hold the glass in position. Complete Blue Print Plan, details and instructions furnished free with each order for our store fronts.



DOORS BUILT TO LAST

Our store doors are made from thoroughly seasoned "A" grade lumber and well manufactured. Made 1 1/4 inch thick to withstand hard usage. The "Premium" door is divided in 2 lights to each door, matching 4 light Store Sash and has 1 panel below the glass. Used in the Economy store front as shown on opposite page. The "Merchant" door is more suitable for higher grade work, contains one long glass and is priced in double strength and also polished plate glass.

Prices given below are for single doors only.

Prices of "Merchant" Door

10-P-223		10-P-224	
SIZES 1 1/4" Thick	Glazed Plain D. S. A.	Glazed Plain Plate	Size of Glass
2-6 x 7-0	\$5.40	\$7.90	20 x 60
2-6 x 7-6	6.50	9.70	20 x 66
2-6 x 8-0	6.55	10.95	20 x 72
2-8 x 7-0	6.45	9.00	22 x 60
2-8 x 7-6	7.00	10.40	22 x 66
2-8 x 8-0	7.90	11.55	22 x 72
3-0 x 7-0	6.25	10.55	26 x 60
3-0 x 7-6	7.35	11.80	26 x 66
3-0 x 8-0	7.45	13.15	26 x 72

If "Merchant" doors are glazed with beveled polished plate glass as shown, instead of plain plate, add \$1.40 per door.

Prices on "Premium" Door 10-P-52

SIZES 1 1/4" Thick Ft. In. Ft. In.	Glazed, Clear D. S. A.	Size of Glass
2-6 x 7-0	\$5.05	20 x 24
2-6 x 7-6	5.75	20 x 27
2-6 x 8-0	5.95	20 x 30
2-8 x 7-0	5.30	22 x 24
2-8 x 7-6	5.60	22 x 27
2-8 x 8-0	6.05	22 x 30
3-0 x 7-0	6.25	26 x 24
3-0 x 7-6	6.45	26 x 27
3-0 x 8-0	6.55	30 x 26

"PREMIUM" DOOR 10-P-52

"MERCHANT" DOOR. 10-P-223-224.

Ceiling Beams and Paneling

\$7.39

Buys Seven-Member Beamed Ceiling Material in Clear Yellow Pine for this Room

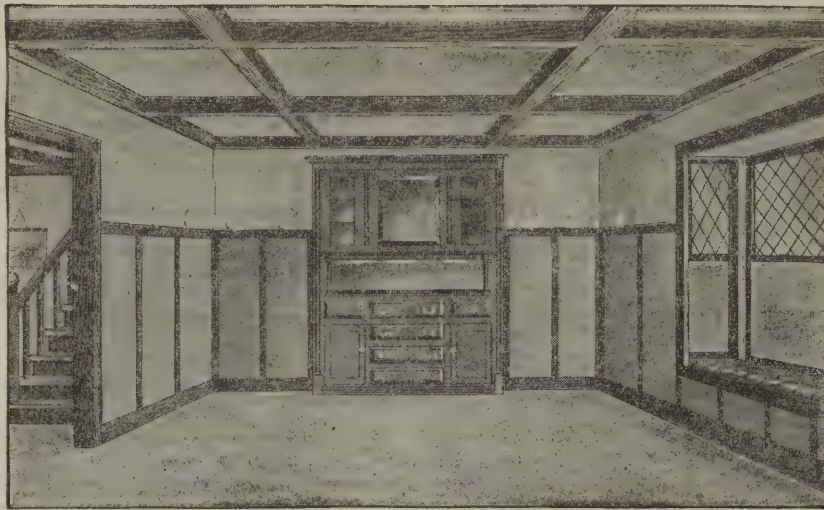
Size: 12 Feet x 12 Feet.

Main Beam, 10-J-544.

Half Beam, 10-J-545.

Beamed Ceilings are now considered an essential feature for the interior decoration of all high class residences and by proper arrangement of beams, panels, mouldings, etc., beautiful and artistic effects may be gained which add greatly to beautify the home and make it more attractive. It is really surprising how far a little money goes in this respect. One can completely change the aspect and add a great deal more to the beauty of the interior of a room by a judicious use of beams, panels and wainscoting.

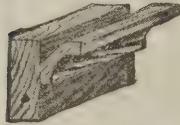
If you are considering plans for remodeling your home, you cannot accomplish more in enhancing the value than by putting in beamed ceiling and some paneling in the main rooms.



Cornice Beam 10-J-546
Projection 4 1/2 inches.
Per lin. ft., Y. P. .3 1/2 c
R. Oak. .7c

Picture Mold 10-J-8264.

Per 100 lineal feet.
Y. P. \$0.73
Oak. 1.76



Half Beam 10-J-548

TWO MEMBER

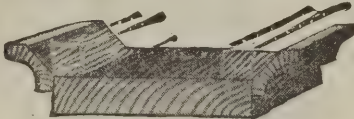
Projection 2 1/4 inches

10-J-548

Per Lineal Foot

Yellow Pine.....2 1/2 c

Red Oak.....4c



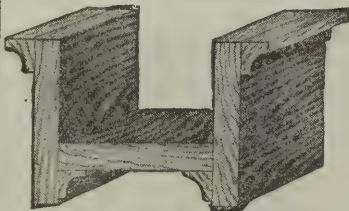
3-Member Main Beam 10-J-547

THREE MEMBER MAIN BEAM

Face 5 1/4 inches wide

Y. P. R. Oak

10-J-547 Per Lineal foot.....6c.... 9c



7-Member Beam 10-J-544

Our 7 Member Beam is fully 6 inches wide and has a projection 4 1/2 inches from ceiling.

Y.P. Red Oak

10-J-544 Per Lineal foot....10c....18 1/2 c

FIVE MEMBER HALF BEAM

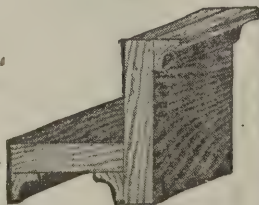
Projection 4 1/2 inches

10-J-545

Per lineal foot,

Y. P. R. Oak

7c 13c



Half Beam 10-J-545.

COMBINATION PLATE RAIL AND OPEN WAINSCOTING

Consisting of 3-member Plate Rail, Panel Strips, Cove Mold, Round Edge Base and Shoe. Price per 100 Lineal Feet.

Number	Name	Size, In.	Y.P.	Oak
10-J-340	Three Member Plate Rail, 4 1/4 x 4 1/2		7.70	12.65
10-J-8058	Cove Mold, 3/4 x 1 1/2		.36	.89
10-J-549	Panel Strips, 3/8 x 2 1/2		1.32	2.20
10-J-1003	Round Edge Base, 1 1/2 x 7 1/4		3.50	7.65
10-J-8422	Base Shoe, 1/2 x 1 1/4		.36	.89

PANELED WAINSCOTING

BEAUTIFUL SLASH GRAIN FIR PANEL STOCK

The beautifully figured slash grain Pacific Coast Fir makes the finest panels imaginable. Can be stained and finished to imitate oak, mahogany and other expensive woods. This picture is no exaggeration—it does not do justice to the undeniable beauty of the Fir. Fir Panels are laminated, that is—built up 3-ply, with the center layer running cross-wise to the face, making them strong and warp-proof, like the panels in our high grade Fir doors. The following table lists the sizes we carry in stock. We can furnish the panels either with one or two sides ready for finishing. These panels are high quality stock and nothing cheap about them but the price.



FREE SAMPLES

ONE SIDE READY TO FINISH

Prices

3-PLY FIR PANELS 10-K-550

Width Inches	Length—Inches.				
	48"	60"	66"	72"	84"
12	\$0.32	\$0.40	\$0.44	\$0.47	.....
16	.41	.52	.57	.63	.....
18	.47	.58	.67	.69	.....
20	.73	.90	.99	1.09	\$1.25
22	.79	.99	1.09	1.19	1.40
24	1.12	1.09	1.19	1.70	1.52
26	1.21	1.40	1.57	1.82	1.99
28	1.29	1.50	1.67	1.94	2.13
30	1.42	1.63	1.77	2.15	2.29
32	1.57	1.78	1.97	2.43	2.51
36	2.54	2.01	2.16	3.82	2.82
40	3.05	3.19	3.49	4.57	4.43
48	.....	3.82	4.20	.....	5.34

For Two Sides Ready to Finish add 50% or half more.

Our Panels are cut evenly and in correct sizes. We also can furnish, as priced below, Clear Fir Top Rails, Bottom Rails and Dividing Strips as illustrated.

Fir Panel 10-K-550

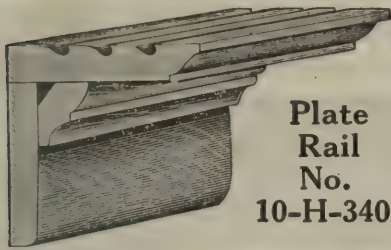
RAILS AND MOLDS FOR PANELING SHOWN AT RIGHT
Price per 100 Lineal Feet

Number	Name	Size	Fir	Y.P.	Oak
10-J-576 (A)	Top Rail.....	3/8 x 4 1/4	\$4.24	\$2.42	\$4.50
10-J-577 (B)	Bottom Rail.....	3/8 x 3 3/4	5.61	3.19	5.90
10-J-578 (C)	Stiles or division Rail.....	3/8 x 3 3/4	3.74	1.71	3.96
10-J-8058 (D)	Cove Mold.....	3/4 x 1 1/2	.88	.50	.94

52 Our Oak Grained "CEILTITE" is just the thing for Panels.

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago

Interior Trimmings



**Plate Rail
No.
10-H-340**

Furnished in clear Selected Yellow Pine or Oak. Three member. Projection from wall $4\frac{1}{2}$ inches. Height over all $4\frac{1}{2}$ inches. Price complete as shown.

Plate Rail 10-H-340

Yellow Pine..... Per Lineal Foot.....\$0.06 $\frac{1}{2}$
Oak..... " " "......10



**Combination Plate Rail
and Picture Mold**

Two members, fitted and glued together. Serves double purpose of Plate Rail and Picture Mold at price of one. Projection from wall 3 inches. Height over all 2 inches. Price complete as shown.

No. 10-J-343

Yellow Pine..... Per Lineal Foot.....5c
Oak..... " " "......07 $\frac{1}{2}$

Base Angles



No.	Size, Ins.	Wood	Price per 100
10-F-131	1 $\frac{1}{2}$ x12 or 14"	Yel. Pine.	\$1.90
10-F-136	1 $\frac{1}{2}$ x12	Cypress.	3.05
10-F-161	1 $\frac{1}{2}$ x11	Pl. R. Oak	2.75
10-F-187	1 $\frac{1}{2}$ x12	Birch.	3.38

Corner Beads



No.	Size, Ins.	Wood	Price Ea.
10-J-130	1 $\frac{1}{2}$ x4	Yel. Pine.	\$0.10
10-J-130	1 $\frac{1}{2}$ x4	Yel. Pine.	.14
10-J-184	1 $\frac{1}{2}$ x4	Cypress.	.14
10-J-160	1 $\frac{1}{2}$ x4	Pl. R. Oak.	.15
10-J-185	1 $\frac{1}{2}$ x4	Birch.	.15

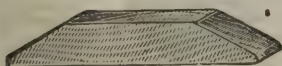
Round Edge Corner Bead



Price Per 100 Lineal Feet.

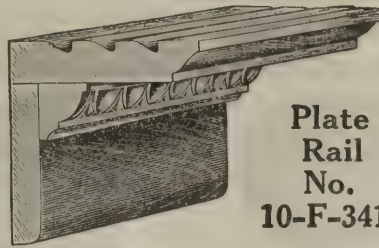
No.	Size, Inches	Wood	Price
10-J-541	1 $\frac{1}{2}$ x1	Yel. Pine.	\$2.25
10-J-542	1 $\frac{1}{2}$ x1	R. Oak.	2.60
10-J-543	1 $\frac{1}{2}$ x1	Birch.	2.45

Hardwood Thresholds



No. 10-J-154

Clear Maple, length 3 feet. Price, each....\$0.06
Clear Oak, length 3 feet. Price, each..... 0.07



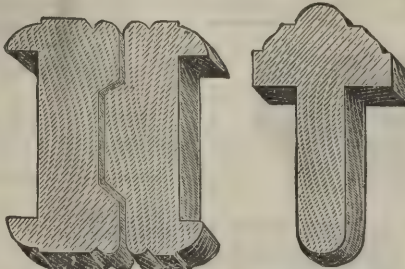
**Plate Rail
No.
10-F-341**

Embossed Molding. Three member. Furnished in Clear Yellow Pine or Oak, carefully selected. Projection from wall $4\frac{1}{2}$ inches. Height over all $4\frac{1}{2}$ inches. Price complete as shown.

Plate Rail 10-F-341

Yellow Pine..... Per Lineal Foot.....\$0.08 $\frac{1}{2}$
Oak..... " " "......12

Sliding and Folding Door Astragals



No. 10-H-8446.

No. 10-H-8449.

All Astragals are 8 feet long.

	Yellow Pine	Oak
10-H-8446. Sliding Door Astragal, rabbetted $1\frac{3}{4}$ in., per pair....	\$0.50	\$0.85
10-H-8446. Sliding Door Astragal, rabbetted $1\frac{3}{4}$ in., per pair....	.50	.90
10-H-8449. Folding Door Astragal, rabbetted $1\frac{3}{4}$ in., each.....	.40	.50
10-H-8449. Folding Door Astragal, rabbetted $1\frac{3}{4}$ in., each.....	.40	.50

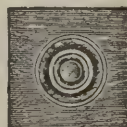
Embossed Egg and Dart Mold



Price per 100 Lineal Feet.

No.	Wood	Size and Prices $\frac{1}{2}$ x $\frac{1}{2}$ Ins. $\frac{1}{2}$ x1 Ins.
10-J-194	Yel. Pine.	\$0.96
10-J-195	Oak.	1.10

Head Blocks and Corner Blocks

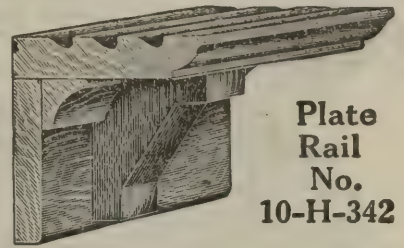


No. 10-J-141. No. 10-J-142. No. 10-J-143

Prices of Blocks, $1\frac{1}{2}$ Inches Thick.

No.	Wood	4 $\frac{1}{2}$ in. Wide	5 in. Wide	5 $\frac{1}{2}$ in. Wide
10-J-141	Yel. Pine.	\$0.05	\$0.05 $\frac{1}{2}$	\$0.06
10-J-142	Yel. Pine.	.02 $\frac{1}{2}$	.03	.03 $\frac{1}{2}$
10-J-164	Yel. Pine.	.02 $\frac{1}{2}$	.02 $\frac{1}{2}$	.03
10-J-164-C	Cypress.	.03 $\frac{1}{2}$	.04	.05
10-J-164-O	Oak.	.03 $\frac{1}{2}$	.04	.05
10-J-164-B	Birch.	.03 $\frac{1}{2}$	.03 $\frac{1}{2}$	.04 $\frac{1}{2}$

Be sure and state width wanted.



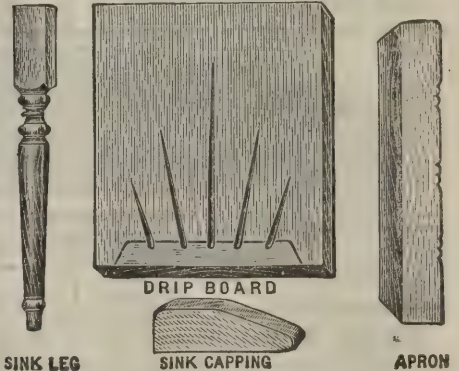
**Plate Rail
No.
10-H-342**

Three member Rail with $1\frac{1}{2}$ inch face Brackets regularly spaced. Clear Yellow Pine or Oak—selected stock. Projection from wall $4\frac{1}{2}$ inches. Height over all $4\frac{1}{2}$ inches. Price complete as shown.

Plate Rail 10-H-342

Yellow Pine..... Per Lineal Foot.....\$0.10
Oak..... " " "......14

Sink Trimmings

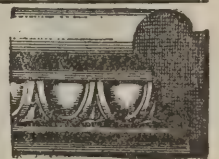


Prices of Sink Trimmings.

Furnished in Plain Oak Selected Stock. Apron will be shipped plain, not beaded.

No.	Size	Price
10-J-179	Sink Board.... 24x24.... Each,	\$0.68
10-J-180	Sink Board.... 24x30.... "	.80
10-J-181	Sink Legs.... 13x30.... "	.12
10-J-182	Sink Apron.... $\frac{1}{2}$ x5 $\frac{1}{2}$.. Per lin. ft.	.05
10-J-183	Sink Capping.... $\frac{1}{2}$ x3.. "	.03

Embossed Picture Mold



Price per 100 lineal feet

No.	Size	Wood	Price
10-J-188	13-16x1 $\frac{1}{2}$	Yel. Pine.	\$1.64
10-J-189	13-16x1 $\frac{1}{2}$	Pl. R. Oak.	1.94

Base Blocks

$1\frac{1}{2}$ inch Thick.

10 inches Long.

Be Sure to State Width.

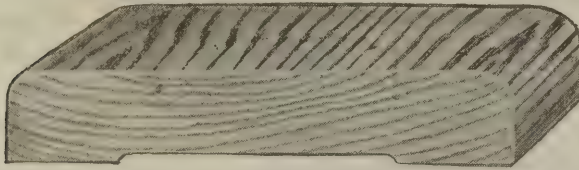
No.	Wood	4 $\frac{1}{2}$ in. Wide	5 in. Wide	5 $\frac{1}{2}$ in. Wide
10-J-143	Yel. Pine.	\$0.04 $\frac{1}{2}$	\$0.04 $\frac{1}{2}$	\$0.05 $\frac{1}{2}$
10-J-144	Yel. Pine.	.04	.04	.05
10-J-144-C	Cypress.	.06	.07	.08
10-J-144-O	Pl. R. Oak.	.06 $\frac{1}{2}$	.07	.07 $\frac{1}{2}$
10-J-144-B	Birch.	.07 $\frac{1}{2}$	.07 $\frac{1}{2}$	.08 $\frac{1}{2}$

Modern Interior Finish

In Modern Interior Finish, we still maintain our position as foremost in quality, variety and originality of design at the same time giving our customers the benefit of lowest prices consistent with the high quality of our goods.

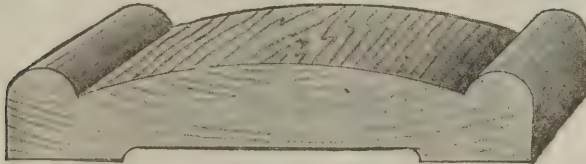
Careful regard is given to uniformity in manufacture, matching of designs, blending grains, etc. Selected stock only is used and every piece must come up to our high standard or it is cast aside. The lumber used is put through a process of seasoning and drying which renders it in prime condition for any style of finish desired oil, varnish or stain.

We show some of our most desirable designs in Casing and Base. Standard patterns can be furnished or special designs made to order. Write for prices.



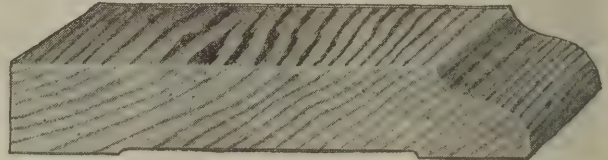
ROUND EDGE CASING

No.	Size Inches	Prices per 100 lineal feet			
		Y. Pine	Cypress	Birch	Oak
10-K-8308	1 1/2 x 3 3/4	\$1.79	\$2.28	\$3.22	\$3.47
10-K-8309	1 1/2 x 4 1/4	1.91	2.61	3.63	3.80
10-K-8310	1 1/2 x 4 3/4	2.00	2.84	3.97	4.19
10-K-8311	1 1/2 x 5 1/4	2.20	3.25	4.85	5.06



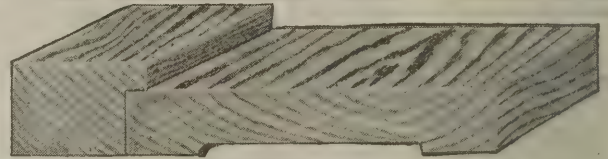
OVALO CASING

No.	Size Inches	Prices per 100 lineal feet			
		Y. Pine	Cypress	Birch	Oak
10-K-8341	1 1/2 x 4 1/4	\$1.90	\$2.72	\$3.63	\$3.80
10-K-8342	1 1/2 x 4 3/4	2.10	2.96	4.01	4.80



O. G. CASING

No.	Size Inches	Wood	Prices per 100 lineal feet
10-K-8384	1 1/2 x 4 1/4	Yellow Pine only.....	.... \$1.87
10-K-8385	1 1/2 x 5 1/4	Yellow Pine only.....	.... 2.20



MISSION CASING

No.	Back Band Mold Priced Separately	Size Inches	Prices per 100 lineal feet			
10-K-1000	Casing	1 1/2 x 3 1/2	Y. Pine	Cypress	Birch	Oak
10-K-1001	Casing	1 1/2 x 4 1/4	\$1.76	\$2.23	\$3.34	\$3.48
10-K-1002	Back Band Mold	1 1/8 x 1 1/8	1.96	2.66	4.00	4.18
			1.09	1.25	1.85	1.98

PRICES

O. G. Base—Yellow Pine

No.	Size Inches	Per 100 Lineal Feet
10-K-8385	1 1/2 x 5 1/4	\$2.20
10-K-8386	1 1/2 x 7 1/4	2.94

10-K-8426—Molded Base

Yellow Pine	1 1/2 x 7 1/4	\$2.94
Cypress	1 1/2 x 7 1/4	4.30
Birch	1 1/2 x 7 1/4	6.05
Oak	1 1/2 x 7 1/4	6.37

10-K-1003—Round Edge Base

Yellow Pine	1 1/2 x 7 1/4	\$3.19
Cypress	1 1/2 x 7 1/4	4.48
Birch	1 1/2 x 7 1/4	6.67
Oak	1 1/2 x 7 1/4	6.95

3-Member Base

Each member priced separately

10-G-8420	Yellow Pine	\$1.27
Base Mold	Cypress	1.52
1 1/2 x 2 1/4	Birch	2.09
	Oak	2.26

10-G-8421	Yellow Pine	2.94
Main Base	Cypress	4.46
1 1/2 x 7 1/4	Birch	6.23
	Oak	6.62

10-G-8422	Yellow Pine	.33
Base Shoe	Cypress	.51
1/2 x 1/2	Birch	.77
	Oak	.81

Mission Base

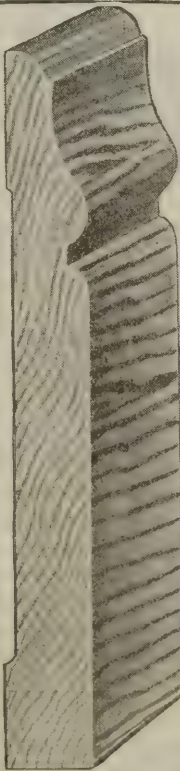
10-G-1004	Yellow Pine	\$1.45
Base Mold	Cypress	1.65
1 1/2 x 1 1/2	Birch	2.46
	Oak	2.55

10-G-1005	Yellow Pine	\$3.08
Main Base	Cypress	4.60
1 1/2 x 7 1/2	Birch	6.88
	Oak	7.17

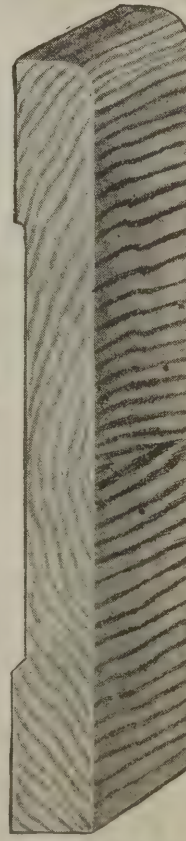
10-G-8422	Base Shoe	Priced above
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O. G. BASE



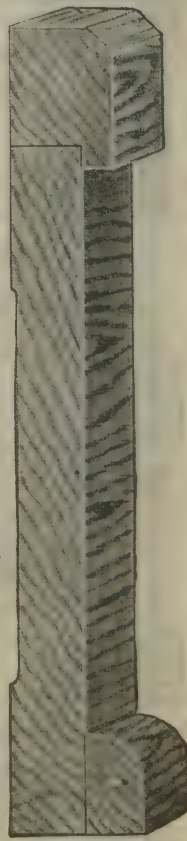
MOULDED BASE



ROUND EDGE BASE



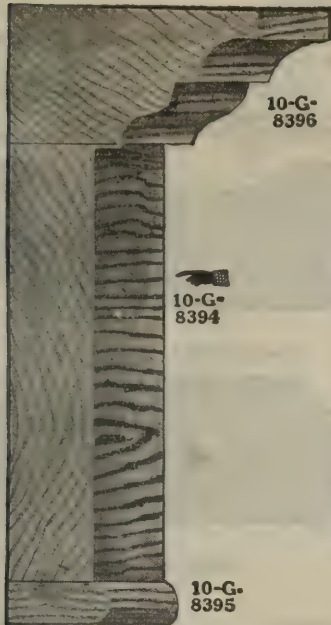
3-MEMBER BASE



MISSION BASE

Interior Mouldings

See description on preceding page which applies to all Interior Finish shown here. We handle only new, bright stock of the very best manufacture.



10-G-8396

10-G-8394

10-G-8395

3-Member Head Trim.

3-MEMBER HEAD TRIM

Prices per 100 Lineal Feet.

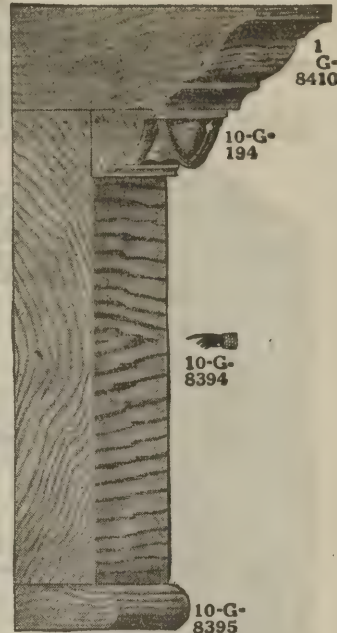
Each member priced separately	Size	Yel'w Pine	Cypress	Birch	Oak
Cap Mold, 10-G-8396.....	1 1/8"x2 1/4"	\$1.65	\$2.34	\$3.49	\$3.65
Head Cs'g, 10-G-8394.....	1 1/8"x4 1/2"	1.87	2.65	3.83	3.99
Fillet, 10-G-8395.....	1 1/8"x1"	.36	.58	.87	1.01

4-MEMBER HEAD TRIM

Prices per 100 Lineal Feet.

Each member priced separately	Size	Yel'w Pine	Cypress	Birch	Oak
Cap Mold, 10-G-8410.....	1 1/8"x2 5/8"	\$2.11	\$2.71	\$4.05	\$4.22
Emb. Mold, 10-G-194.....	5/8"x 3/4"	.96	1.21	1.18	1.27
Head Cs'g, 10-G-8394.....	1 1/8"x4 1/2"	1.87	2.65	3.83	3.99
Fillet, 10-G-8395.....	1 1/8"x1"	.36	.58	.87	1.01

NOTE—We can furnish the regular stock pattern "4-Member Head Trim" with single piece "Embossed Cap Mold" and "Dust Cap" at same price complete as above.



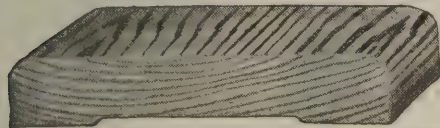
10-G-8410

10-G-194

10-G-8394

10-G-8395

4-Member Head Trim.



CHAIR RAIL

Prices per 100 Lineal Feet.

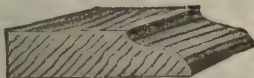
Lot No.	Size	Y. Pine	Cypr.	Birch	Oak
10-G-8496	1/2"x3 1/2"	\$1.74	\$2.22	\$3.33	\$3.48



CLOSET HOOK STRIPS

Prices on Yellow Pine.

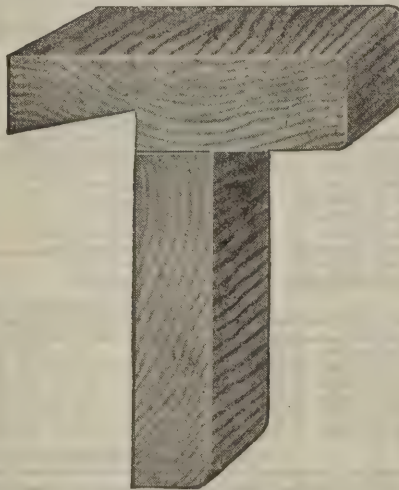
Lot Number	Size	Per 100 Lineal Feet
10-G-8234.....	1 1/8"x2 1/2"	\$1.39
10-G-8233.....	1 1/8"x3"	1.60



O. G. DOOR AND WINDOW STOPS

Prices per 100 Lineal Feet.

Lot No.	Size	Y. Pine	Cypr.	Birch	Oak
10-G-8083	3/8"x1 1/8"	\$0.33			
10-G-8084	3/8"x1 3/8"	.36	\$0.57	\$0.85	\$0.88
10-G-8085	3/8"x1 3/4"	.48			
10-G-8096	1/2"x1 3/8"	.40	.62	.92	.96
10-G-8095	1/2"x1 3/4"	.69	.84	1.21	1.28
10-G-8093	1/2"x2 1/4"	1.15	1.13	1.69	1.76



Window Stool and Apron.

WINDOW STOOL

10-G-8267.

Price per 100 Lineal Feet.

Size	Y. Pine	Cypress	Birch	Oak
1 1/8"x3 3/4"	\$2.44	\$3.61	\$5.05	\$5.27

WINDOW APRON

10-G-8379

Price per 100 Lineal Feet.

Size	Y. Pine	Cypress	Birch	Oak
1 1/8"x3 3/4"	\$1.74	\$2.22	\$3.22	\$3.35

ROUND EDGE DOOR AND WINDOW STOPS

10-G-1006

Size	Y. Pine	Oak
1/2"x1 1/8"	\$0.40	\$0.96
1/2"x1 3/4"	.53	1.28

PICTURE MOLD

10-G-8264

Size 1 1/8"x1 3/4"

Prices per 100 Lineal Feet.

Yel. Pine	Cyp.	Birch	Oak
\$0.69	\$1.03	\$1.53	\$1.60



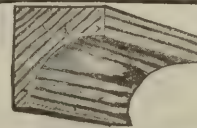
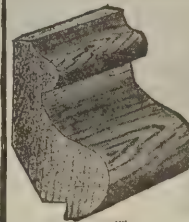
WAINSCOTING CAP

10-G-8228

Suitable for 1/2 inch and 5/8 inch Wainscoting.

Price per 100 Lineal Feet.

Size	Yellow Pine
1 1/8"x2"	\$1.27



COVE OR SCOTIA

10-G-8060

Size, 3/4" x 1/2"

Price per 100 Lineal Ft.

Yel. Pine	Cypr.	Bir'h	Oak
\$0.33	\$0.52	\$0.77	\$0.81

QUARTER ROUND

Prices per 100 Lineal Ft.

No.	Size	Yel. Pine
10-G-8063	1/4"x 1/2"	\$0.36
10-G-8064	3/8"x 5/8"	.38
10-G-8065	1/2"x 3/4"	.33
10-G-8066	1/2"x 7/8"	.35
10-G-8067	1 1/8"x1 1/2"	.70

10-G-8065.

Size, 3/4"x3/4"

Yel. Pine	Cypr.	Br'h.	Oak
\$0.46	\$0.72	\$1.06	\$1.10

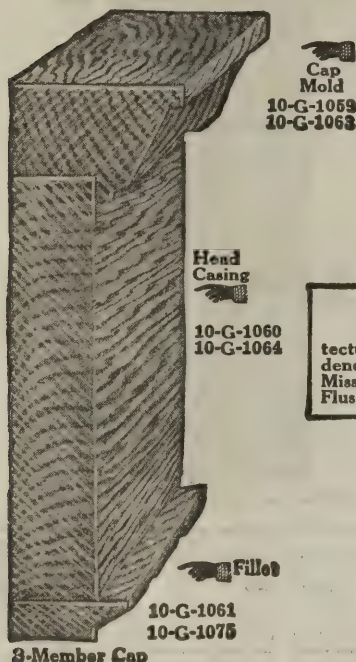
Cypress	Birch	Oak
\$0.51	\$0.79	\$0.80

Correct Craftsman Interior Trim

ARTISTIC EFFECTS — EXCLUSIVE DESIGNS

Every once in a while someone demands something different from the usual order of things, and to keep pace with the times we present our exclusive line of craftsman casings and other inside trimmings.

Original and neat in design. Architecturally correct. Our artistic arrangement will appeal to everyone interested in interior trimmings of refinement and good taste—embodying both simplicity of style and economy of price.



SOME NEW AND ATTRACTIVE DESIGNS

Craftsman Trim is appropriate for practically every style of architecture, especially adapted for bungalow homes and up-to-date residences. Our Craftsman designs harmonize extremely well with our Mission style doors and can also be used to good advantage with our Flush or Slab Doors, Hardwood Panel Doors and others.

PRICES OF CRAFTSMAN TRIM

All prices per 100 lineal feet. Order by numbers and name. Furnished in mixed lengths.

CRAFTSMAN 3-MEMBER HEAD TRIM

Number	Name	Size, Inches	Wood	Price
10-G-1059	Cap Moulding...	1 1/8 x 1 3/4	Yellow Pine...	\$1.32
10-G-1060	Head Casing...	1 1/8 x 4 1/4	Yellow Pine...	2.00
10-G-1061	Fillet...	1 1/8 x 1 1/2	Yellow Pine...	.56
10-G-1063	Cap Moulding...	1 1/8 x 1 3/4	Red Oak...	2.64
10-G-1064	Head Casing...	1 1/8 x 4 1/4	Red Oak...	4.00
10-G-1075	Fillet...	1 1/8 x 1 1/2	Red Oak...	1.12



CRAFTSMAN CASING

Number	Size, Inches	Wood	Price
10-G-1040	1 1/8 x 4 1/4	Yellow Pine...	\$1.90
10-G-1040-A	1 1/8 x 4 1/4	Yellow Pine...	2.10
10-G-1040-B	1 1/8 x 4 1/4	Red Oak...	3.80
10-G-1040-C	1 1/8 x 4 1/4	Red Oak...	4.20
10-H-1039	1 1/8 x 3 3/4	Yellow Pine...	1.68
10-H-1039-A	1 1/8 x 4 1/4	Yellow Pine...	1.90
10-H-1039-B	1 1/8 x 3 3/4	Red Oak...	3.36
10-H-1039-C	1 1/8 x 4 1/4	Red Oak...	3.80

CRAFTSMAN 3-MEMBER BASE

Number	Name	Size, Inches	Wood	Price
10-G-1043	Base Moulding...	3/4 x 1 3/8	Yellow Pine...	\$0.60
10-G-1044	Main Base...	1 1/8 x 5 1/2	Yellow Pine...	2.52
10-G-1055	Base Shoe...	3/4 x 3 3/8	Yellow Pine...	.40
10-G-1056	Base Moulding...	3/4 x 1 3/8	Red Oak...	1.20
10-G-1057	Main Base...	1 1/8 x 5 1/2	Red Oak...	5.04
10-G-1058	Base Shoe...	3/4 x 3 3/8	Red Oak...	.80

CRAFTSMAN WINDOW STOOL

Number	Size, Inches	Wood	Price
10-G-1041	1 1/8 x 3 3/4	Yellow Pine...	\$2.44
10-G-1042	1 1/8 x 3 3/4	Red Oak...	5.28

CRAFTSMAN WINDOW APRON

Number	Size, Inches	Wood	Price
10-G-1076	1 1/8 x 3 3/4	Yellow Pine...	\$1.68
10-G-1077	1 1/8 x 3 3/4	Red Oak...	3.36

CRAFTSMAN PICTURE MOULD

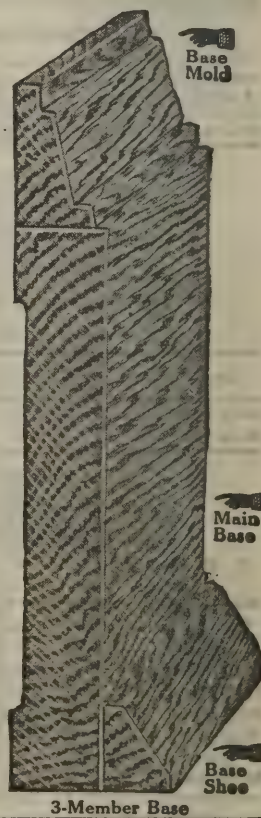
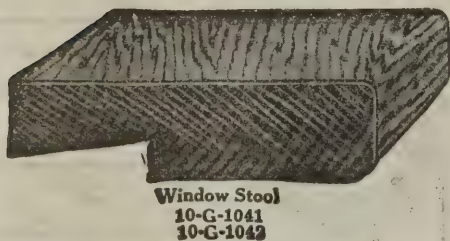
Number	Size, Inches	Wood	Price
10-G-1078	1 1/8 x 1 3/4	Yellow Pine...	\$0.80
10-G-1079	1 1/8 x 1 3/4	Red Oak...	1.60

CRAFTSMAN STOPS

Number	Name	Size, Inches	Wood	Price
10-G-1080	Window Stop...	3/8 x 1 3/8	Yellow Pine...	\$0.44
10-G-1081	Door Stop...	3/8 x 1 3/8	Yellow Pine...	.64
10-G-1082	Window Stop...	3/8 x 1 3/8	Red Oak...	.88
10-G-1083	Door Stop...	3/8 x 1 3/8	Red Oak...	1.28

CRAFTSMAN BASE BLOCKS

Number	Size, Inches	Wood	Price
10-G-1084	1 1/8 x 4 1/2	Yellow Pine...	\$0.04
10-G-1084-A	1 1/8 x 5	Yellow Pine...	.04 1/2
10-G-1100	1 1/8 x 4 1/2	Red Oak...	.06 1/2
10-G-1100-A	1 1/8 x 5	Red Oak...	.07



Dashing Slash Grain Fir Trim

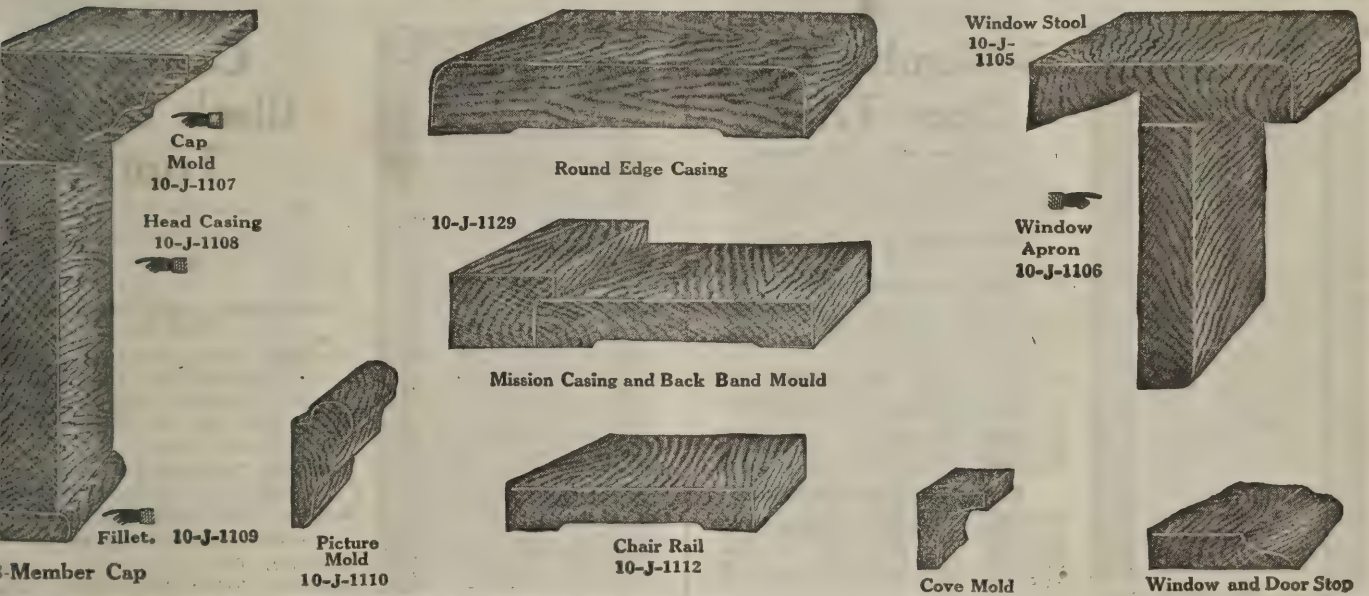
FIR IS KING—THE CONTINENT'S LAST STAND

When the Northern White Pine Forests became depleted "Westward-Ho" became the watchword, till now the famous Oregon and Washington Douglas Fir Forests are truly the "Continent's Last Stand."

Different sections of the Pacific Coast produce different species, among which Douglas Fir takes first rank. And since it comes under the heading of Soft Wood it makes also a fine lumber for enamel finish.

VERY SUSCEPTIBLE TO IMITATIVE TREATMENT

By an ingenious method of combining inexpensive ingredients, the modern chemist produces Rubies and other precious jewels in perfect imitation of the genuine and so may anyone, by the use of our various oils and stains, transform the economical and inimitable Douglas Fir finish into an almost exact imitation of higher priced woods such as Rotary Cut Red Oak, Curly Red Birch, Mahogany, Cherry, Rosewood, Fumed and Mission Oak. In fact, any variety of shades almost without limit. And the softer the color, the truer it harmonizes. No other low priced wood lends itself so admirably for this purpose.



PRICES OF FIR TRIM

All prices per 100 lineal feet. Order by number and name.

FIR CASINGS

Back Band Mould priced separately

Number	Name	Size	Price
10-J-1125	Round Edge Casing	1 1/8 x 4 1/2	\$2.45
10-J-1126	Round Edge Casing	1 1/8 x 4 3/4	2.72
10-J-1127	Mission Casing	1 1/8 x 3 1/2	2.04
10-J-1128	Mission Casing	1 1/8 x 4 1/2	2.46
10-J-1129	Back Band Mould	1 1/8 x 1 3/8	1.32

No Base Blocks are needed with Back Band Casing

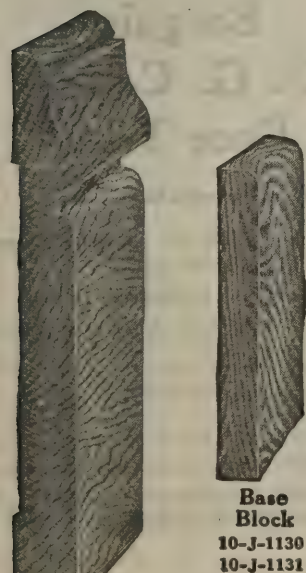
FIR BASE AND MOULDINGS

Number	Name	Size	Price
10-J-1101	Molded Base	1 1/8 x 7 1/2	\$4.14
10-J-1102	Main Base	1 1/8 x 7 1/2	4.20
10-J-1103	Base Mold	1 1/8 x 1 3/8	1.28
10-J-1104	Base Shoe	1 1/8 x 2 3/8	.44
10-J-1105	Window Stool	1 1/8 x 3 3/4	3.42
10-J-1106	Window Apron	1 1/8 x 3 3/4	2.16
10-J-1107	Cap Mold	1 1/8 x 2 1/2	1.80
10-J-1108	Head Casing	1 1/8 x 4 1/2	2.68
10-J-1109	Fillet Mold	1 1/8 x 1	.48
10-J-1110	Picture Mold	1 1/8 x 1 3/8	.86
10-J-1111	Cove Mold	1 1/8 x 2 3/8	.44
10-J-1112	Chair Rail	1 1/8 x 3 1/2	2.26
10-J-1113	Window Stop	1 1/8 x 1 3/8	.48
10-J-1114	Door Stop	1 1/8 x 1 3/8	.70

FIR BASE BLOCKS

1 1/2-inch Thick. Order by Number

Number	Width	Length	Price
10-H-1130	4 1/2 inches	10 inches	\$0.05 1/2
10-H-1131	5 inches	10 inches	.06



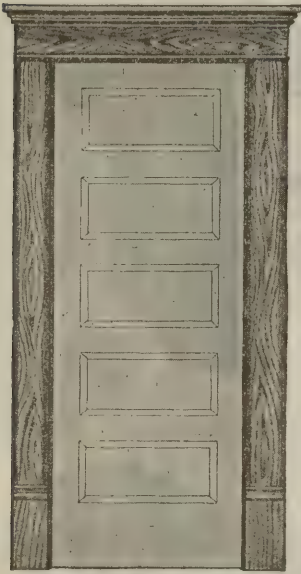
Sides of Door Trim

The best known and most largely used styles of Interior Trim are shown on this page and the page following. The stock from which our orders are filled is run fresh every day, the output sometimes running as high as 10 carloads. Thus you are assured of getting freshly machined goods that will come to you just as turned out by our own factory, everything packed and bundled with great care to insure reaching you in the best condition.

Our stocks are carefully selected, too. We do not use lumber for this purpose unless it passes strict inspection. Every piece must be thoroughly seasoned and properly dried or it is not acceptable. And in making up these trims careful regard is given to the matching of the grain—a point too often overlooked by competitors.

Our Clear Yellow Pine is the best Oil finish stock ever offered and it has the prettiest grain. Our Clear Red Oak is regular sawed stock, showing all the beautiful variations of the flowing grain. Northern Birch is well known, and the new favorite, Douglas Fir is fully described on another page. All of our Interior Finish is perfectly manufactured and smoothly run.

You will note that in addition to Clear Yellow Pine we list Yellow Pine for Paint finish. This is stock which is slightly sap-stained or in which the graining is not perfect; but, except for such minor defects, it is the same in manufacture and condition as the Clear grade. It is plenty good enough for paint jobs but not recommended for natural finish.



3-Member Cap Door Trim

3-Member Cap Door Trim

Complete with O. G. Stops

Set consists of 4½ inch Casing, two Base Blocks, Cap Mold, Head Casing, fillet and the necessary O. G. Stops.

Price for sizes up to 2 ft. 8 in. by 6 ft. 8 in.

No.	Per Set
10-F-914. Clear Yellow Pine .....	.63c

This means the best grade of clear Yellow (or Georgia) Pine to be had, no defects permitted; nice, bright, clean, smooth finished stock.

10-F-915. Yellow Pine to paint...58c

Material suitable for paint finish and may be slightly soiled or stained.

10-F-916. Clear Red Oak.....\$1.22

10-P-925. Clear Douglas Fir..... .79

10-F-926. Clear Northern Birch.. 1.18

Prices up to 3 ft. x 7 ft. 6 in.

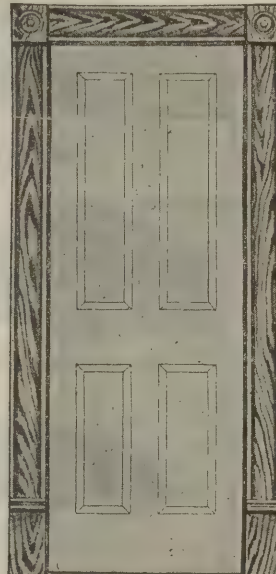
10-F-920. Clear Yellow Pine...\$0.70

10-F-921. Yellow Pine to paint.. .62

10-F-922. Clear Red Oak..... 1.35

10-P-927. Clear Douglas Fir..... .92

10-F-928. Clear Northern Birch.. 1.30



Corner Block Door Trim

Corner Block Door Trim

Complete with O. G. Stops.

Set consists of 4½ inch Ovalo Casing, two Base Blocks, two Corner Blocks, O. G. Stops.

Prices for sizes up to 2 ft. 8 in. by 6 ft. 8 in.

No.	Per Set
10-F-900. Clear Yellow Pine.....	.56c

This means the best grade of clear Yellow (or Georgia) Pine to be had. No defects permitted. Nice, bright, clean, smooth finished stock.

10-F-901. Yellow Pine to paint...49c

Material is suitable for paint finish and may be slightly soiled or stained.

Up to 3 ft. by 7 ft. 6 in.

10-F-902. Clear Yellow Pine.....65c

10-F-903. Yellow Pine to paint...57c



Mission Style Door Trim

Mission Style Door Trim

Complete with Round Edge Stops

Set consists of Corner Blocks, Base Blocks, No. 1001 Casing and Round Edge Stops 1006.

Price for Sizes up to 3 ft. by 7 ft.

No.	Per Set
10-F-934. Clear Yellow Pine.....	.65c

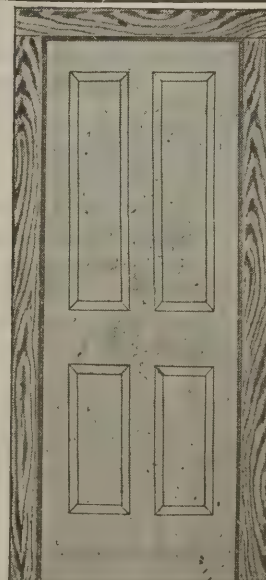
This means the best grade of clear Yellow (or Georgia) Pine to be had. No defects permitted. Nice, bright, clean, smooth finished stock.

10-F-935. Clear Red Oak.....\$1.20

10-P-929. Clear Douglas Fir..... .83

10-F-930. Clear Northern Birch.. 1.07

The Mission Style Door Trim is appropriate to use with our Flush Veneered Slab Doors or with one panel or two panel doors.



O. G. Casing Door Trim

Bargain O. G. Casing Door Trim

Complete with O. G. Stops.

Set consists of 4½ inch O. G. Casing and Stops in Yellow Pine.

Sizes up to 2 ft. 8 in. by 6 ft. 8 in.

100-F-904½. Suitable for paint finish only. Good, sound, well finished stock. Just the same as clear, except that it may be slightly soiled or stained.

Price per set.....38c

10-F-975½. For Clear Yellow Pine...43c

10-F-981. Clear Douglas Fir.....65c

10-F-976½. For larger sizes up to 3 ft.

by 7 ft. 6 in., add only...10c

SPECIAL NOTE—Other concerns figure Stops as an extra. We include them always.

We make Special Moldings and Trim. Get our prices.

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago

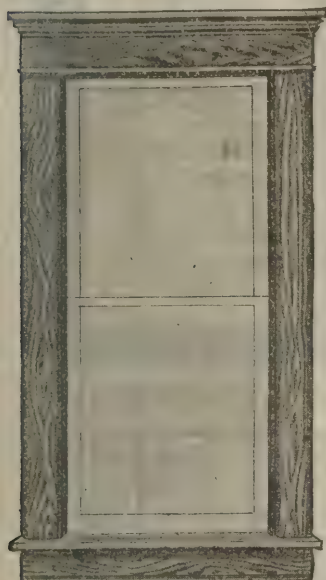
Sides of Window Trim

Read what we have to say regarding Door Trims on preceding page. The same description applies to material used for our Window Trims as well as all interior finish furnished by us. The same careful selection is made and the same careful attention is given to matching grain.

In ordering your finish from these two pages of trim, it is of course advisable that you select door and window trim of the same style.

Please understand that we furnish material only for these trims. Better results are to be obtained by fitting on the job. We furnish in suitable lengths, the nearest sizes to required dimension.

The Casings, Head Block, etc., used in our Window and Door Trims are fully described and priced separately elsewhere in this book. If you wish to buy the material by the foot instead of by the side of trim, you may be able to effect some saving—the main object in offering these trims being that you run no risk of wasting the material.



Three-Member Cap Window Trim

Complete with O. G. Stops.

Set consists of 4 1/4 inch casing, Cap Mould, Head Casing, fillet, Stool No. 8267, Apron No. 8379 and O. G. Stops. Your choice of any style casing we list in Clear Yellow Pine, except the two-member Backband casing.

Prices per set for window sizes up to 30x30—2 lights

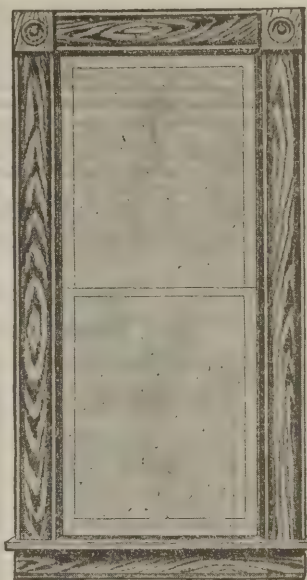
No.	Per set
10-F-983. Clear Yellow Pine.	\$.072
10-F-989. Yellow Pine to paint.	.60
10-F-990. Clear Red Oak.	1.45
10-P-982. Clear Douglas Fir.	.91
10-F-983. Cl'r Northern Birch.	1.35

Price for window sizes ranging 32x24 to 40x36—2 lights.

10-F-996. Clear Yellow Pine.	\$.084
10-F-997. Yellow Pine to paint.	.70
10-F-998. Clear Red Oak.	1.70
10-P-974. Clear Douglas Fir.	1.06
10-F-985. Cl'r Northern Birch.	1.64

We furnish enough Cap Mould to make returns on ends, but do not mitre them, nor does any one else.

3-Member Cap Window Trim.



Corner Block Window Trim

Complete with O. G. Stops.

Price of Corner Block Window Trim.

Set consists of Corner Blocks, Stop No. 8267, Apron No. 8379, 4 1/4 inch Ovalo Casing and O. G. Stops.

Prices of window sizes up to 28x32—2 lights.

No.	Per set
10-F-964. Clear Yellow Pine.	..63c
10-F-965. Yellow Pine to paint.	55c

Same as above, except Ovalo Casing 4 1/4 inch casing.

10-F-968. Clear Yellow Pine.	..77c
10-F-969. Yellow Pine to paint.	68c

Corner Block Window Trim.



Mission Style Window Trim

Complete with Round Edge Stops.

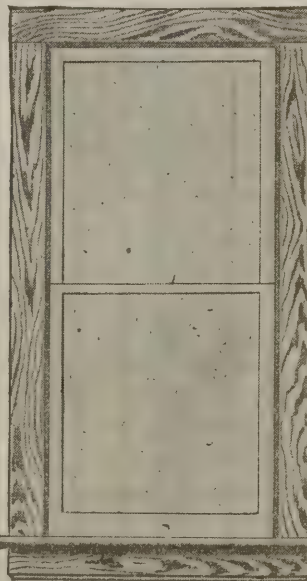
Yellow Pine Set consists of Corner Block 10-F-164 Casing No. 1001, Apron No. 8379, Stool No. 8267, and Round Edge Stops No. 1006.

Price for window sizes up to 30x32—2 lights.

No.	Per set
10-F-944. Clear Yellow Pine.	\$.071
10-F-945. Clear Red Oak.	1.40
10-P-986. Clear Douglas Fir.	.92
10-F-987. Cl'r Northern Birch.	1.22

Our Two-member Backband Casing, described on a preceding page, harmonizes extremely well with Mission furnishings.

Mission Window Trim.



Bargain O. G. Casing Window Trim

Complete with O. G. Stops.

Set O. G. Casing Window Trim consists of 4 1/4 inch O. G. Casing as ordered, Apron, Stool and Stops.

We do not cope or mitre our O. G. trim. This should be done on the job to insure close fitting joints.

No. 10-F-997 1/2.

55c per set for 4 1/4 inch O. G. Casing. Window Trim in Yellow Pine to paint, for sizes up to 26x32—2 lights.

Suitable for paint finish only. Good, sound, well finished stock. Just the same as clear except that it be slightly soiled or stained.

No. 10-F-978 1/2.

64c per set for Clear Yellow Pine. This means the best of clear Yellow Pine. No defects permitted.

No. 10-P-993.

83c per set for Clear Douglas Fir.

O. G. Casing Window Trim.

SPECIAL NOTE—O. G. Stops, unless otherwise specified, furnished with Window Trim. Others figure this item as an extra.

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago

Our Architectural Department Can Help You. Write for Book of Plans

"A" Grade Window Frames

Made in exact sizes.
No cutting and fitting required.



Section of Drip Cap Window Frame



DRIP CAP

For Walls of Wood Frame Buildings

Illustration to the left shows our Drip Cap window frames which are furnished complete as shown either with or without pulleys. Size of outside casing 1½ inch thickness, 4¼ inches wide. 2 piece sill, main section 1½ inch x 3¼ inches, sub-section ½ x 5½ inches. Width of jamb, which includes the pulley stile and blind stop, 5½ inches overall. Pulley stile plowed for parting strip which is included. Also includes drip cap mold.

These frames are for wood frame buildings where 2x4 studding are used. Jambes are wide enough to allow for ½ inch sheathing on the outside and lath and plaster on the inside. For wider studding or wider jambes add 25c for each extra inch or fraction thereof.

Frames with 1 piece sill 25c each extra.

Frames on this page are made from sound, select, clear Pacific Coast Fir. Bright stock, thoroughly seasoned, guaranteed high grade in every particular. Practically all Casings, Sills and Mouldings are made of ¼ sawed stock. Jambes are beautifully figured slash grain, suitable for any finish.

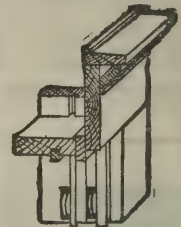
All securely tied in bundles, one bundle per frame. This prevents them getting marred in transit. Any carpenter can put any of our frames together in 10 or 15 minutes.

CROWN CAP

For Walls of Wood Frame Buildings

Illustration to the right shows our Crown Mould Cap Window frame. Description the same as Drip Cap Window frame to the left with exception that head casing is 7 inches wide to allow for Crown Mold Cap. Size of Crown Moulding 2¼ inches. Size of Drip Cap 1½ x 3 inches. Furnished complete as shown, with or without pulleys.

Made in exact sizes.
No cutting and fitting required.



Section of Crown Mold Cap Window Frame



Prices of Frames for Checkrail Windows for Wood Frame Buildings

Frame for Windows Containing TWO LIGHTS of Glass.		.DRIP CAP		CROWN MOLD CAP	
Glass Sizes Prices cover frame only.	Outside Window measurement. Inside opening of frame. Ft. In. Ft. In.	1½ inch Casing without pulleys 10-P-456	1½ inch Casing including pulleys 10-P-458	1½ inch Casing without pulleys 10-P-457	1½ inch Casing including pulleys 10-P-459
12x20	1- 4½ x 3-10	1.30	1.42	1.54	1.69
12x24	1- 4½ x 4-6	1.32	1.44	1.56	1.71
12x28	1- 4½ x 5-2	1.35	1.47	1.58	1.73
14x20	1- 6½ x 3-10	1.45	1.58	1.69	1.86
14x24	1- 6½ x 4-6	1.47	1.61	1.74	1.90
14x32	1- 6½ x 5-10	1.54	1.67	1.77	1.94
16x24	1- 8½ x 4-6	1.47	1.61	1.74	1.90
16x28	1- 8½ x 5-2	1.50	1.63	1.76	1.93
18x20	1-10½ x 3-10	1.45	1.58	1.74	1.90
18x26	1-10½ x 4-10	1.51	1.64	1.78	1.95
18x30	1-10½ x 5-6	1.54	1.67	1.84	1.97
20x20	2- 0½ x 3-10	1.49	1.62	1.74	1.90
20x22	2- 0½ x 4-2	1.51	1.64	1.76	1.93
20x30	2- 0½ x 5-6	1.61	1.74	1.85	2.01
22x24	2- 2½ x 4-6	1.52	1.65	1.78	1.95
22x28	2- 2½ x 5-2	1.54	1.68	1.80	1.97
22x32	2- 2½ x 5-10	1.63	1.76	1.96	2.12
24x20	2- 4½ x 3-10	1.50	1.63	1.74	1.90
24x24	2- 4½ x 4-6	1.52	1.65	1.77	1.94
24x26	2- 4½ x 4-10	1.54	1.67	1.79	1.96
24x28	2- 4½ x 5-2	1.56	1.69	1.82	1.98
24x30	2- 4½ x 5-6	1.63	1.76	1.89	2.06
24x36	2- 4½ x 6-6	1.74	1.87	2.02	2.19
26x26	2- 6½ x 4-10	1.54	1.67	1.80	1.97
26x28	2- 6½ x 5-2	1.56	1.69	1.83	1.99
26x30	2- 6½ x 5-6	1.63	1.76	1.89	2.06
26x40	2- 6½ x 7-2	1.85	1.96	2.05	2.21
28x28	2- 8½ x 5-2	1.63	1.76	1.89	2.06
28x30	2- 8½ x 5-6	1.65	1.78	1.91	2.08
28x32	2- 8½ x 5-10	1.74	1.87	2.02	2.17
30x24	2-10½ x 4-6	1.69	1.83	1.96	2.12
30x28	2-10½ x 5-2	1.74	1.87	2.01	2.18
30x32	2-10½ x 5-10	1.76	1.89	2.02	2.19
30x40	2-10½ x 7-2	1.83	1.96	2.10	2.27
32x24	3- 0½ x 4-6	1.98	2.11	2.17	2.34
32x30	3- 0½ x 5-6	2.02	2.16	2.29	2.45
32x36	3- 0½ x 6-6	2.05	2.18	2.33	2.50
34x30	3- 2½ x 5-6	2.09	2.22	2.37	2.53
36x24	3- 4½ x 4-6	1.80	1.94	2.12	2.28
36x28	3- 4½ x 5-2	1.83	1.96	2.13	2.30
36x32	3- 4½ x 5-10	1.98	2.11	2.35	2.52
40x28	3- 8½ x 5-2	1.83	1.96	2.16	2.32
40x30	3- 8½ x 5-6	2.05	2.18	2.31	2.48
40x36	3- 8½ x 6-6	2.09	2.22	2.40	2.56
40x40	3- 8½ x 7-2	2.18	2.31	2.48	2.64

Frame for Windows Containing FOUR LIGHTS of Glass.		DRIP CAP		CROWN MOLD CAP	
Glass Sizes Prices cover frame only.	Outside Window measurement. Inside opening of frame. Ft. In. Ft. In.	1½ inch Casing without pulleys 10-P-456	1½ inch Casing including pulleys 10-P-458	1½ inch Casing without pulleys 10-P-457	1½ inch Casing including pulleys 10-P-459
10x20	2- 1 x 3-10	1.45	1.58	1.72	1.88
10x24	2- 1 x 4-6	1.48	1.61	1.74	1.90
12x20	2- 5 x 3-10	1.46	1.60	1.73	1.89
12x22	2- 5 x 4-2	1.49	1.62	1.75	1.91
12x24	2- 5 x 4-6	1.51	1.64	1.76	1.93
12x26	2- 5 x 4-10	1.53	1.66	1.77	1.94
12x28	2- 5 x 5-2	1.55	1.68	1.79	1.96
12x30	2- 5 x 5-6	1.61	1.74	1.85	2.01
14x24	2- 9 x 4-6	1.52	1.74	1.87	2.04
14x26	2- 9 x 4-10	1.58	1.72	1.89	2.06
14x28	2- 9 x 5-2	1.61	1.74	1.91	2.08
14x32	2- 9 x 5-10	1.63	1.76	1.93	2.10
14x40	2- 9 x 7-2	1.76	1.89	2.04	2.20
15x30	2-11 x 5-6	1.72	1.85	1.98	2.15
15x32	2-11 x 5-10	1.74	1.87	2.05	2.21
15x36	2-11 x 6-6	1.87	2.00	2.15	2.31
Frame for Windows Containing EIGHT LIGHTS of Glass		DRIP CAP		CROWN MOLD CAP	
8x10	1- 9 x 3-10	1.43	1.56	1.67	1.84
9x12	1-11 x 4-6	1.45	1.58	1.72	1.88
10x12	2- 1 x 4-6	1.47	1.61	1.74	1.90
10x16	2- 1 x 5-10	1.54	1.67	1.82	1.98
12x14	2- 5 x 5-2	1.50	1.63	1.78	1.95
14x16	2- 9 x 5-10	1.72	1.85	1.98	2.15
14x20	2- 9 x 7-2	1.76	1.89	2.04	2.20
Frame for Windows Containing TWELVE LIGHTS of Glass.		DRIP CAP		CROWN MOLD CAP	
8x10	2- 4½ x 3-10	1.52	1.65	1.76	1.93
9x12	2- 7½ x 4-6	1.60	1.73	1.85	2.01
10x12	2-10½ x 4-6	1.63	1.76	1.87	2.04
10x14	2-10½ x 5-2	1.67	1.80	1.89	2.06
10x16	2-10½ x 5-10	1.71	1.84	1.91	2.08
12x14	3- 4½ x 5-2	1.74	1.87	1.98	2.15
12x20	3- 4½ x 7-2	1.82	1.95	2.07	2.23

"A" Grade Window Frames

Made in Exact Sizes.
No Cutting and
Fitting Required.



Section of Box Window Frame for Brick or Stone Wall.



FOR CEMENT BLOCK, STONE OR BRICK WALL

Full Box Frame. Pockets and Pulleys included.

This frame has $1\frac{1}{2} \times 1\frac{1}{2}$ inch brick mould, $\frac{3}{8} \times 5$ inch blind stop, $\frac{3}{8} \times 4\frac{1}{2}$ inch pulley stile, $\frac{1}{2} \times 1\frac{1}{8}$ inch parting stop, $\frac{3}{8} \times 4\frac{1}{4}$ inch rabbeted box lining, and $\frac{3}{8} \times 4\frac{1}{2}$ inch back box lining. All exposed lumber will be clear face stock, carefully selected and thoroughly seasoned. The box linings are made from good sound, second quality lumber.

FOR WALL OF BRICK VENEER AND 2x4 STUDDING.

Half Box Frames. Pockets and Pulleys included.

For walls of 2x4 studding veneered with a layer of brick, and they are made in the same manner as the frame for a brick or stone wall, with the exception that the box lining is omitted, not being required. All exposed lumber is clear face selected stock. Blind stop, $\frac{3}{8} \times 3\frac{1}{2}$ inch; pulleys tile, $\frac{3}{8} \times 4\frac{3}{8}$ inch, making width of jamb $5\frac{1}{2}$ inches, including blind stop. Brick mold, $1\frac{1}{2} \times 1\frac{1}{4}$ inch, parting stop, $\frac{1}{2} \times 1\frac{1}{8}$ inch. Sills made from 2x8 stock

Made in Exact Sizes. No Cutting and Fitting Required.



Section of Brick Veneer Window Frame

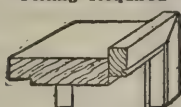
Our frames are made in exact sizes. Every piece is cut to fit ready to put together; easily assembled. We ship them knocked down to avoid damage in transit and extra freight.

Remember, when consulting the table below, that intermediate sizes are furnished at the price of the next larger size. When ordering, give size of window and frame will be made to fit.

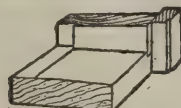
Prices of Frames for Check Rail Windows For Brick, Cement and Stone Buildings.

Width	Height	Price each frame No. 10-P-108	Width	Height	Price each frame No. 10-P-467
2 feet 2 inch	4 feet 6 inch or smaller	\$2.15	2 feet 2 inch	4 feet 6 inch or smaller	\$2.04
2 feet 6 inch	5 feet 2 inch or smaller	2.20	2 feet 6 inch	5 feet 2 inch or smaller	2.09
2 feet 8 inch	5 feet 10 inch or smaller	2.48	2 feet 8 inch	5 feet 10 inch or smaller	2.31
3 feet 4 inch	5 feet 2 inch or smaller	2.59	3 feet 4 inch	5 feet 2 inch or smaller	2.42
4 feet	5 feet 10 inch or smaller	2.86	4 feet	5 feet 10 inch or smaller	2.53
4 feet 4 inch	6 feet 6 inch or smaller	2.92	4 feet 4 inch	6 feet 6 inch or smaller	2.64

Made in Exact Sizes. No Cutting and Fitting Required.



Section of Cellar or Basement Sash Frame.



Cellar Sash Frame. No. 10-P-107

Plank cellar sash frames are made with a $1\frac{1}{4} \times 5\frac{1}{2}$ inch jamb $1\frac{1}{2} \times 1\frac{1}{4}$ inch clear brick moulding. Knocked down, bundled for shipment. Made of clear Western FIR.

No. 10-P-107. Plank cellar sash frame, size 3 feet 4 inches by 2 feet or smaller openings. Price.....97c

Mullion Frames.

Mullion or Twin or Double Window Frames, just double price of regular frames of the corresponding size.

Triple Window Frames where three windows are used side by side, price will be just three times the cost of regular window frame as listed on this page for corresponding sizes.

MULLION or TWIN or DOUBLE SASH FRAMES or CASEMENT SASH FRAMES, just double prices as listed.

Sash Frames

For Single Sash or for Sash Used in Pairs.

These frames are used in gables, dormers, stair landings and vestibules.

Sash frame per illustration to right is made of the same high grade material as all the other window and door frames, suitable for frame buildings where 2x4 studding are used with lath and plaster on inside and sheathing on the outside, making jamb $5\frac{1}{2}$ inches over all. Furnished drip cap or crown mould cap, just as ordered. Also made from 2x6 or 2x8 plank for brick or stone building. Be careful to order correct style, stating in your order for what kind of a building same will be used and mention catalog number.

Made in Exact Sizes. No Cutting and Fitting Required.

Frame for Single Sash or Pairs

No.	DESCRIPTION	Price for Sash opening 2-10x 2-11 or smaller	Price for sash opening 3-4x 3-9 or smaller	Price for sash opening 4-4x 5-10 or smaller
10-P-476	Drip Cap for 2x4 Studding..	\$1.21	\$1.54	\$2.15
10-P-477	Crown Cap for 2x4 Studding	1.49	1.76	2.37
10-P-478	2x6 Jamb for brick or stone wall.....	1.43	1.54	2.37
10-P-479	2x8 Jamb for brick or stone wall.....	1.76	1.82	2.59

Casement Sash Frames

With Special Water-Tight Sill

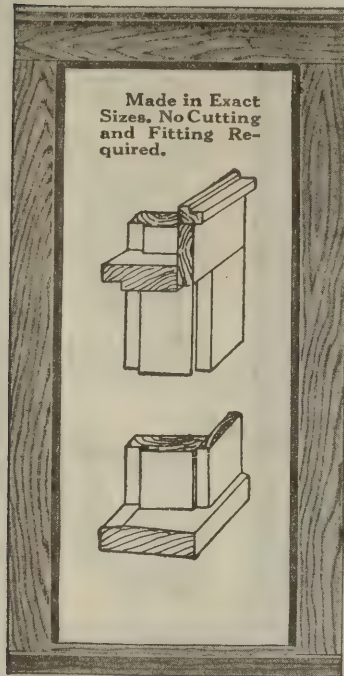
This frame is same as other single sash frame with exception that sill is so constructed that the sash can swing either in or out. When ordering you must specify which way you want your sash to swing.

Be careful to order correctly, stating whether for frame building or for brick building. No. 10-P-488. Casement Sash Frame for frame building, jamb not over $5\frac{1}{2}$ inches, special sill construction, for glass sizes up to 44x44, plain drip cap, price each..\$1.65

No. 10-P-489. Casement Sash Frame, same as above except Crown Mould Cap, price each.....\$1.87

No. 10-P-490. Casement Sash Frame, same as above except made from 2x8 plank jamb or narrower jamb for brick or stone or cement block building, for sizes up to 44x44, price each.....\$1.98

"A" Grade Outside Door Frames



Made in Exact Sizes. No Cutting and Fitting Required.

Drip-Cap Door Frames

1 1/2-inch Outside Casing

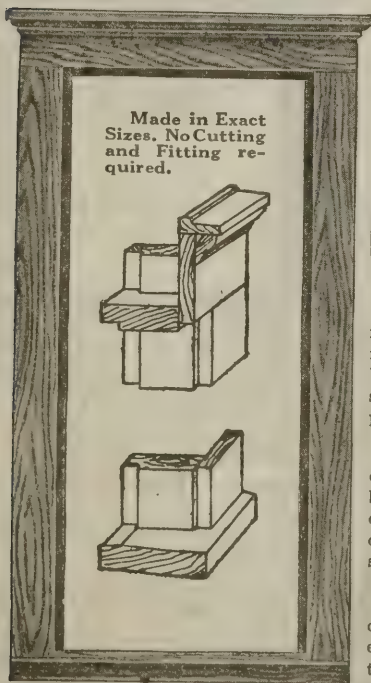
DOOR FRAME No. 10-P-99

Outside door frame, No. 10-P-99, includes everything complete as shown; outside casing, 1 1/2 x 4 1/4; solid sill, 1 1/4 x 7 3/4; rabbeted jamb, 1 1/2 x 5 1/2. Made from clear Fir, practically all quarter-sawn bright stock, guaranteed high class in every particular.

No. 10-P-99. Outside door frames for 2x4 studding, with solid clear Fir sills, any size up to and including 3 ft. by 7 ft. rabbeted for doors 1 3/8" in thickness or 1 1/4" in thickness. Complete, bundled for shipment in the knock-down, **\$2.00**

No. 10-P-413. Plain Drip Cap Door frame with transom head, not exceeding 2 feet in height, see illustration below (transom sash not included.) Price: **\$2.50**

Oak sills for any of above frames, 30 cents per frame extra.



Made in Exact Sizes. No Cutting and Fitting required.

Crown Mould Cap Door Frames

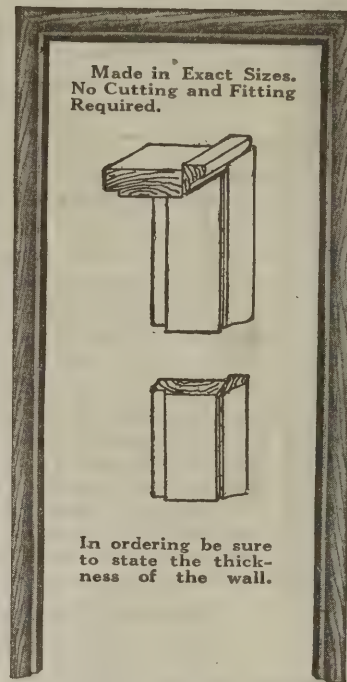
1 1/2-inch Outside Casing

This frame has 1 1/2 x 3 inch Drip Cap, 1 1/2 x 7 inch head casing, 1 1/2 x 4 1/4 inch outside casing, 2 1/4 inch crown moulding, 1 1/2 x 5 1/2 inch jamb, rabbeted to suit thickness of door, solid sill 1 1/2 x 7 3/4. Made from clear Fir, practically all quarter-sawn.

No. 10-P-103. Crown mold cap outside door frame for frame buildings with 2x4 studding. Knocked down and carefully bundled. For door 3 ft. x 7 ft. or smaller opening. Price.... **\$2.20**

No. 10-P-414. Crown mold cap door frame with transom head, not exceeding 2 ft. in height, see illustration to the right (transom sash not included). Price..... **\$2.85**

Door Frame No. 10-P-103
Oak sills for any of above frames, 28 cents per frame extra.



Made in Exact Sizes. No Cutting and Fitting Required.

Cement Block, Stone or Brick Wall Door Frames

This frame has a 1 1/2 x 1 1/2 inch clear brick moulding. The jamb is good, sound and practically clear. No sill furnished with this frame. Frames are used for stone, brick, or cement buildings. Shipped, knocked down and carefully bundled.

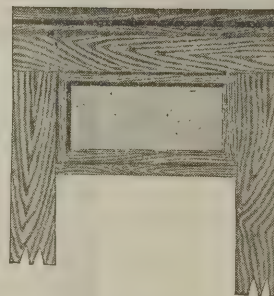
No. 10-P-106-A. For 2x6 jamb
2 ft. 6 in. x 6 ft. 6 in. **\$1.80**
2 ft. 8 in. x 6 ft. 8 in. **1.80**
3 ft. x 7 ft. **1.90**

No. 10-P-106. For 2x8 jamb
2 ft. 6 in. x 6 ft. 6 in. **\$2.40**
2 ft. 8 in. x 6 ft. 8 in. **2.40**
3 ft. x 7 ft. **2.70**

No. 10-P-106 1/2. For 2x10 jamb
2 ft. 6 in. x 6 ft. 6 in. **\$2.90**
2 ft. 8 in. x 6 ft. 8 in. **3.00**
3 ft. x 7 ft. **3.10**

No. 10-P-415. Plank door frame with transom head, not exceeding 2 ft. in height, see illustration below (transom sash not included). Add to price above..... **44c**

Transom Head Frames

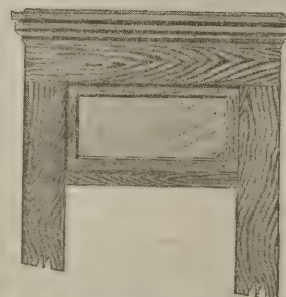


No. 10-P-413
Plain Drip Cap Transom Head Door Frame

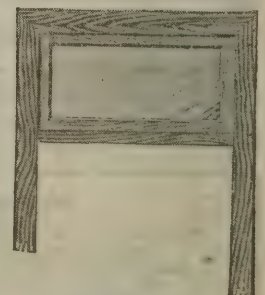
For prices on transom head frames see No. 10-P-413, No. 10-P-414 and No. 10-P-415 under the respective door frames shown above and to the left.

Be careful to specify correct article number and height of transom you will use. Transom sash is never furnished with transom door frame. Same are listed elsewhere in this book. See Index.

When ordering frame for cement block, stone or brick wall, be sure to mention width of jamb wanted and allow correct price.



No. 10-P-414
Crown Mould Cap Transom Head Door Frame



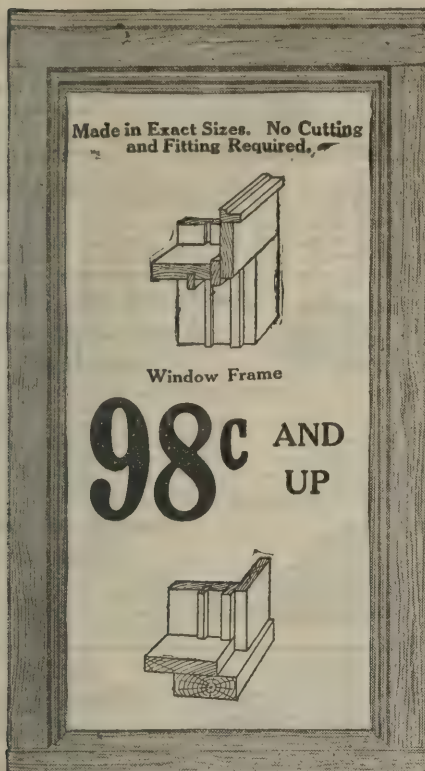
No. 10-P-415
Plank Transom Head Door Frame

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago

62 Visit Our Mammoth Plant in Chicago. Come and See for Yourself.

"B" Grade Window and Door Frames

MADE FROM STRONG AND DURABLE PACIFIC COAST FIR



"B" grade window frames without pulleys, order by No. 10-P-462.

"B" grade window frames including pulleys, order by No. 10-P-466.

Description of Window Frames

Width of jamb, including pulley stile and blind stop, 5½ inches over all, bored for pulleys and pockets cut, also plowed for parting stop. Parting stops included.

Outside casing ¾x4¼ inches.

Drip cap 1½x1½ inches.

Main sill made from 2x4, beveled and grooved.

Sub sill ¾x5½ inches.

Will fit wall built up with 2x4 studding and sheathing on outside and lath and plaster on inside.

Shipped in the knockdown to avoid damage in transit and to save extra freight, securely bundled, 1 frame to a bundle.

We do not furnish these "B" grade frames for wider walls nor for brick, stone or cement block walls, nor for brick veneered buildings. For all such, see our FIRST CLASS frames listed elsewhere.

PRACTICALLY CLEAR SECOND QUALITY WINDOW FRAMES

Lowest Prices

For 2 light Windows, 1½ inch thick, check rail

Size of glass	Outside measure of Window. Inside measure of Frame		10-P-462 without Pulleys	10-P-466 Pulleys included
	Ft. In.	Ft. In.		
16 x 20	1- 8 x	3-10	\$0.98	\$1.19
16 x 24	1- 8 x	4- 6	1.14	1.25
20 x 20	2- 0 x	3-10	1.18	1.33
20 x 24	2- 0 x	4- 6	1.20	1.34
20 x 28	2- 0 x	5- 2	1.26	1.39
24 x 20	2- 4 x	3-10	1.21	1.36
24 x 24	2- 4 x	4- 6	1.27	1.39
24 x 26	2- 4 x	4-10	1.28	1.40
24 x 28	2- 4 x	5- 2	1.32	1.45
24 x 30	2- 4 x	5- 6	1.38	1.52
26 x 24	2- 6 x	4- 6	1.30	1.51
26 x 26	2- 6 x	4-10	1.31	1.46
26 x 28	2- 6 x	5- 2	1.37	1.48
26 x 30	2- 6 x	5- 6	1.44	1.57
28 x 28	2- 8 x	5- 2	1.43	1.55
28 x 30	2- 8 x	5- 6	2.50	1.63
30 x 24	2-10 x	4- 6	1.49	1.61
30 x 26	2-10 x	4-10	1.51	1.64
30 x 28	2-10 x	5- 2	1.56	1.72
30 x 30	2-10 x	5- 6	1.62	1.80

Price of 4 light, 1½ in., checkrail Window Frames, "B" Grade

Size of Glass	Outside measure of Window. Inside measure of frame		Price without Pulleys	Price Pulleys included
	Ft. In.	Ft. In.		
12 x 20	2- 5 x	3-10	\$1.22	\$1.34
12 x 24	2- 5 x	4- 6	1.31	1.43
12 x 30	2- 5 x	5- 6	1.44	1.58

Price for 8 light, 1½ in., checkrail Window frames, "B" Grade

Size of Glass	Outside measure of Window. Inside measure of frame		Price without Pulleys	Price Pulleys included
	Ft. In.	Ft. In.		
8 x 10	1- 9 x	3-10	\$1.13	\$1.24
10 x 12	2- 1 x	4- 6	1.16	1.38

Price for 12 light, 1½ in., checkrail Window frames, "B" Grade

Size of Glass	Outside measure of Window. Inside measure of frame		Price without Pulleys	Price Pulleys included
	Ft. In.	Ft. In.		
8 x 10	2- 4½ x	3-10	\$1.25	\$1.47
10 x 12	2-10½ x	4- 6	1.50	1.68
10 x 14	2-10½ x	5- 2	1.62	1.77



Description of "B" Grade Door Frames with ¾-inch outside casing

Size of jamb 1½x5½ inches, suitable for wall with 2x4 studding, sheathed on outside, lath and plaster inside.

Outside casing ¾x4¼ inches. Drip cap 1½x1½ inch.

Sill made from 2x8 stock, dressed and beveled. Shipped in the knockdown, securely bundled.

PRICES OF "B" GRADE DOOR FRAMES

For Size of Door Order by No. 10-P-463		Thickness of Door	Price each
Ft. In.	Ft. In.		
2- 8 x	6- 8	1¾	\$1.79
2- 8 x	6- 8	1¾	1.81
3- 0 x	7- 0	1¾	1.98
3- 0 x	7- 0	1¾	1.99

We do not furnish these "B" grade frames for wider walls nor for brick, stone or cement block walls, nor for brick veneered buildings. For all such, see our FIRST CLASS frames listed elsewhere.

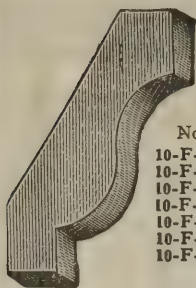
Positively the Greatest Bargain in Frames Ever Offered

We guarantee these "B" grade frames to be exactly as they are illustrated and described, and we consider them much superior to any other similar frame on the market. About the only defect of any consequence is a pitch pocket here and there and an occasional small knot. Aside from these few minor defects the material is sound, well finished and the frames are correctly fitted. They are just as good for all practical purposes as our higher priced frames and in fact, the quality is every bit as good as others use in their "first-class" frames.

"B" grade window frames are carried in stock only in sizes listed above. Larger sizes can not be supplied. For in-between sizes, order next larger size and cut down to fit, or order our "A Grade" frames listed elsewhere in this catalog which are furnished in any regular size.

Outside Mouldings

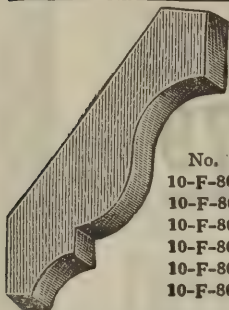
SUPERIOR QUALITY CLEAR SOFT WOODS FOR PAINT.



Crown Mouldings

Price per 100 lineal feet

No.	Size	
10-F-8000	7/8x3 1/4	\$1.54
10-F-8002	7/8x3 3/4	1.76
10-F-8003	7/8x2 3/4	1.32
10-F-8005	7/8x4 3/4	2.20
10-F-8006	7/8x4 1/4	1.98
10-F-8007	7/8x1 3/4	.79
10-F-8008	7/8x2 1/4	.99



Crown Mouldings

Price per 100 lineal feet.

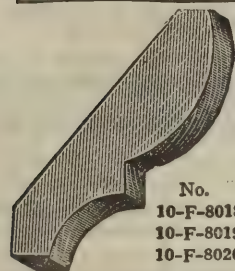
No.	Size	
10-F-8009	1x3 1/2	\$1.76
10-F-8010	1x2 1/2	1.32
10-F-8011	1x2 1/4	.99
10-F-8012	1x4 1/2	1.98
10-F-8013	1x4 1/4	2.20
10-F-8014	1x3 1/4	1.54



Bed Mouldings

Price per 1000 lineal feet

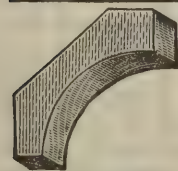
No.	Size	
10-F-8015	1x1	\$0.44
10-F-8016	1x1 1/2	.79



Crown or Bed Mould

Price per 100 lineal feet

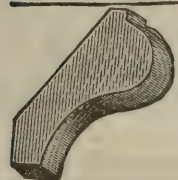
No.	Size	
10-F-8018	1x2 1/2	\$0.99
10-F-8019	1x2 1/4	1.32
10-F-8020	1x3 1/4	1.54



Sprung Cove

Price per 100 lineal feet

No.	Size	
10-F-8024	7/8x1 3/4	\$0.79
10-F-8025	7/8x2 1/4	.99
10-F-8026	7/8x2 3/4	1.32
10-F-8029	7/8x3 3/4	1.54



Sprung Bed Moulding

Price per 100 lineal feet

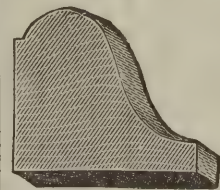
No.	Size	
10-F-8030	1x2 1/2	\$0.99
10-F-8031	1x1 1/2	.79
10-F-8032	1x2	.88

We furnish the Mouldings illustrated on this page in Clear Fir, Soft Pine or Cypress, subject to stock on hand.

Solid Bed Molds

Price per 100 lineal feet

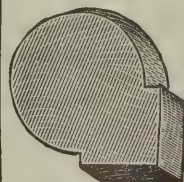
No.	Size	
10-F-8035	1x1 1/2	\$0.44
10-F-8036	1x1 1/4	.55
10-F-8037	1x1 1/2	.99
10-F-8042	1x1	.44



Brick or Stone Moulding

Price per 100 lineal feet

No.	Size	Fir	Soft Pine	Yellow Pine
10-G-8038	1x1 1/2	\$1.49	\$1.45	
10-G-8039	1x1	2.70	2.66	
10-G-8047	1x1	1.71	1.68	



Return Beads

Price per 100 lineal feet

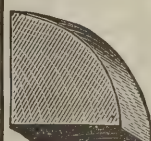
No.	Size	Yellow Pine
10-G-8049	1x1 1/2	\$2.37
10-G-8050	1x1 1/2	1.34
10-G-8051	1x1	.81



Coves

Price per 100 lineal feet

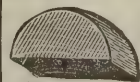
No.	Size	Yellow Soft Pine	Pine Cypress
10-G-8060	1x1 1/2	\$0.40	\$0.44
10-G-8061	1x1 1/2	.50	.56



Quarter-Round

Price per 100 feet

No.	Size	Yellow Soft Pine	Pine Cypress
10-G-8065	1x1 1/2	\$0.40	\$0.44
10-G-8066	1x1 1/2	.41	.44
10-G-8067	1x1 1/2	.73	.78



Half Round

Price per 100 lineal feet

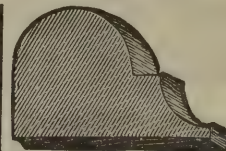
No.	Size	Yellow Pine
10-G-8077	1x1 1/2	\$0.48
10-G-8078	1x1	.57
10-G-8080	1x1 1/2	.85
10-G-8081	1x1 1/2	.97



O. G. Stops

Price per 100 lineal feet

No.	Size	
10-F-8083	1x1 1/2	\$0.40
10-F-8084	1x1 1/2	.44
10-F-8085	1x1 1/2	.55
10-F-8094	1x2	.72
10-F-8095	1x1 1/2	.64
10-F-8096	1x1 1/2	.48
10-F-8097	1x1 1/2	.44



Nosings

Prices per 100 lineal feet

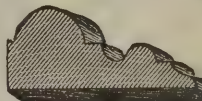
No.	Size	Fir	Yellow Soft Pine	Cypress
10-G-8123	1x1 1/2 for 1 in. steps	\$0.81	\$0.61	
10-G-8124	1x2 for 1 in. steps	1.82	1.1	
10-G-8125	1x2 for 1 in. steps	2.40	1.9	
10-G-8126	1x2 for 1 in. steps	4.26	3.1	
10-G-8131	1x1 1/2 for 1 in. floors	.68		



Astragal or Screen Moulding or Cloverleaf

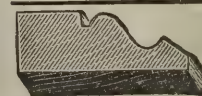
Price per 100 lineal feet

No.	Size	Yellow Pine	Soft Pine	Cypress
10-G-8140	1x1 1/2	\$0.43	\$0.61	
10-G-8141	1x1 1/2	.50		
10-G-8142	1x1 1/2	.63		
10-G-8143	1x1 1/2	.72		



Panel or Base Mould

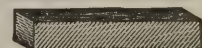
No.	Size	
10-F-8169	1x1 1/2	\$0.81
10-F-8175	1x1 1/2	1.0
10-F-8177	1x2	1.1



Band Moulding

Prices per 100 lineal feet

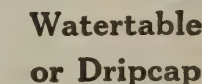
No.	Size	
10-F-8186	1x1 1/2	\$1.0
10-F-8187	1x1 1/2	.81
10-F-8188	1x2	1.1
10-F-8189	1x2 1/2	1.1
10-F-8180	1x2 1/2	1.1
10-F-8182	1x3	1.1



Lattice

Prices per 100 lineal feet

No.	Size	Yellow Pine	Soft Pine	Cypress
10-G-8280	1x1 1/2	\$0.34	\$0.61	
10-G-8281	1x1 1/2	.40		
10-G-8282	1x1 1/2	.57		



Watertable or Drip cap

Price per 100 lineal feet

No.	Size	
10-F-8283	1x1 1/2	\$1.0
10-F-8284	1x2	1.1
10-F-8285	1x2 1/2	1.1
10-F-8286	1x3	2.3

Window Frame Stock

Many carpenters prefer to make their own window frames. Here is an opportunity to buy all the material required at minimum cost. This stock will make an elegant frame.

10-G-8429 1/2	OUTSIDE CASING.	Price per 100 lineal feet. Size 1 1/2 x 4 1/2. Clear Fir.	\$2.9
No. 10-G-8430	BLINDSTOP.	Per 100 lineal feet. Yellow Pine.	\$0.6
No. 10-G-8432	PARTING STOP.	Per 100 lineal feet. Yellow Pine or Fir.	\$0.4
No. 10-G-8431 1/2	PULLEY STILE.	Plowed parting stop. Size 1 1/2 x 4 1/2. Price per 100 lineal feet. Yellow Pine.	\$2.4
No. 10-F-8440 1/2	SUBSILL.	Edges not Beveled. Size 1 1/2 x 5 1/2. Per 100 lineal feet. Clear Fir.	\$2.4
No. 10-F-8439 1/2	MAINSILL.	Beveled edges and rabbeted for siding. Size 1 1/2 x 3 1/2. Sound solid. Clear Fir stock. Price per 100 lineal feet.	\$4.7

High Grade Colonial Columns

Roman Ionic Cap



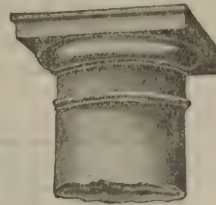
10-P-531.

Roman Corinthian Cap



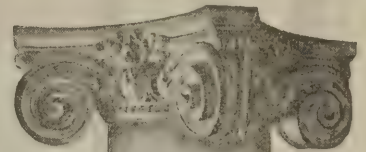
10-P-532.

Plain Colonial Cap



10-P-533.

Scamozzi Cap 10-P-530.



Round Colonial Columns

IMPROVED LOCK JOINT CONSTRUCTION

BUILT UP FROM CLEAR SELECTED STOCK

OF THE MOST DURABLE LUMBER
PRIMED IN OIL

Our High Grade Colonial Columns are made of thoroughly seasoned lumber, selected with careful regard to weather-resisting quality, strictly clear stock being used. The staves are lockjointed and glued to make a perfect and tightly fitting joint.

In the matter of price, we have gone to the extreme limit to give the best quality for the least price, but in no way have we allowed price reduction to lower the high character of these goods.

We do not handle No. 2 Columns, as experience has proved that builders cannot be satisfied with an inferior grade.

PRICES COLONIAL COLUMNS.

Diam. of Shaft, Inches.	Length, Feet.	10-H-110 Plain Shaft as Illustrated.	10-H-210 Half Fl'td as illustrated.	10-H-109 Full Fl'td as illustrated.
6 x 6	6	\$1.39	\$2.03	\$2.13
6 x 6	8	1.50	2.14	2.24
6 x 6	9	1.63	2.42	2.56
8 x 8	6	1.72	2.72	2.85
8 x 8	8	1.93	2.65	2.78
8 x 8	9	2.09	2.81	2.95
8 x 8	10	2.25	3.32	3.48
10 x 10	6	2.32	3.39	3.56
10 x 10	8	2.57	3.64	3.82
10 x 10	9	2.77	3.99	4.19
10 x 10	10	3.26	4.62	4.85
12 x 12	6	3.46	4.68	4.90
12 x 12	8	4.03	5.25	5.51
12 x 12	9	4.58	5.94	6.24
12 x 12	10	5.09	6.59	6.90

COMPOSITION CAPS.

All prices listed on this page are for columns complete with Plain Colonial Cap 10-P-533, and base as shown. Add extra for Composition Cap as follows:

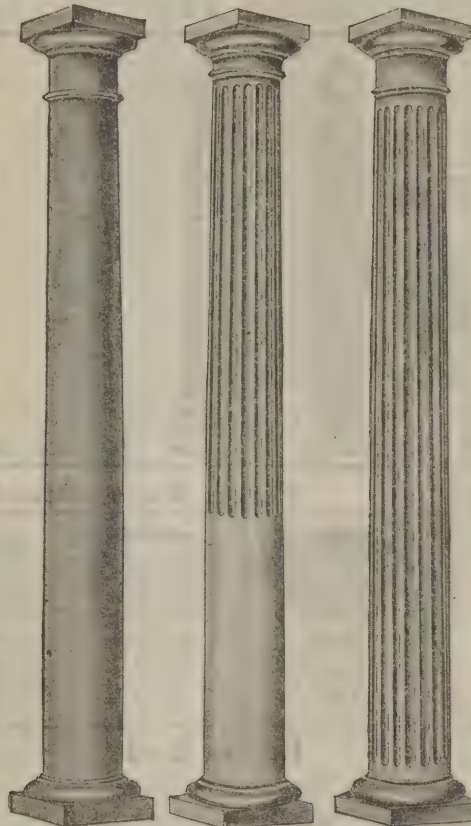
COMPOSITION CAPS EXTRA

For Size of Column, any Length.	Scamozzi Cap. 10-P-530.	Roman Ionic Cap. 10-P-531.	Roman Corinthian Cap. 10-P-532.
6" Column	\$.64	\$.79	\$1.25
8" Column	.83	1.05	1.74
10" Column	1.06	1.25	2.53
12" Column	1.89	1.98	3.15

"GIANT"

COLONIAL COLUMNS

For the typical colonial home, nothing can surpass the majestic beauty and imposing grandeur of our "Giant" Colonial Columns. These columns are staved like the smaller columns and built of extra heavy stock, selected poplar. Even the smallest of these columns, 1 1/2 inches in diameter, are made of stock 2 inches thick and in the heaviest columns we use 3-inch lumber. This is an important fact and always should be considered when comparing values. To insure reaching you in perfect condition, the "Giants" are given a prime coat of paint and shipped direct from factory.



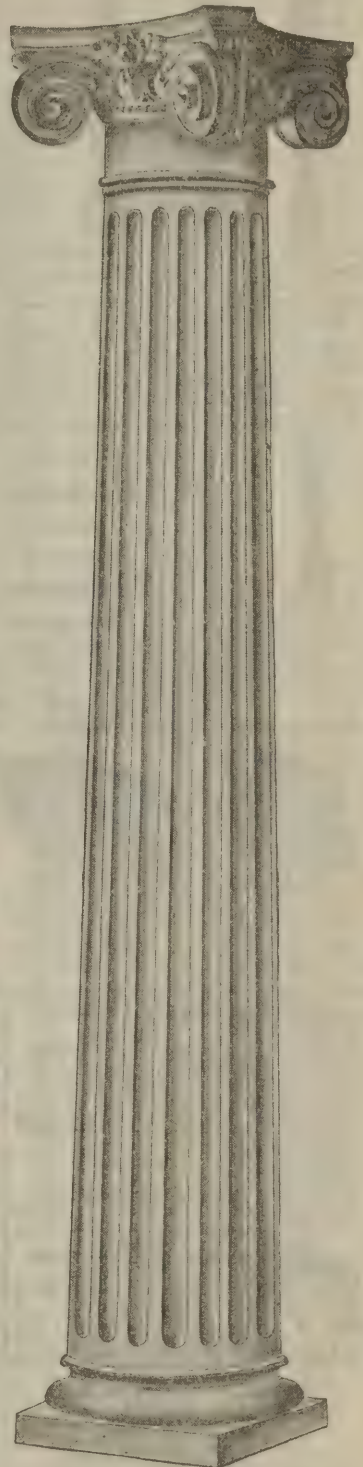
10-H-110.

10-H-210.

10-H-109.

PRICES GIANT COLONIAL COLUMNS

Diam. Shaft Inches	Length Feet	10-P-344 Fluted Shaft Scamozzi Cap as shown	10-G-345 Plain Shaft with 10-E-533. Plain Cap	10-P-346 Plain Shaft with 10-E-530 Compo Cap
14 x 14	9	\$ 11.62	\$ 8.68	\$ 10.27
14 x 14	12	14.34	11.01	12.62
16 x 16	14	23.31	17.36	21.09
16 x 16	20	30.93	24.69	28.26
18 x 18	20	42.59	30.35	38.25
20 x 20	18	46.19	33.01	42.50
22 x 22	18	60.02	41.69	54.35
24 x 24	20	64.33	44.71	57.35
26 x 26	24	85.10	60.68	76.50
28 x 28	26	107.81	73.01	96.66
30 x 30	28	131.53	89.76	121.28



10-G-344

Giant Colonial Column.
Fluted Shaft.

For Fluted "Giant" Columns with plain cap 10-P-533, deduct 5 per cent from prices as shown for 10-P-346. Delivered prices on application.

Porch Trimmings

Porch Balusters



10-P-119 **10-P-120** **10-P-122** **10-P-608**
 Size $1\frac{1}{4} \times 1\frac{3}{4}$ inches, 18 or 20 inch long. Each \$0.04
 Crate of 50...any pattern... 2.00
 Size $1\frac{1}{4} \times 1\frac{3}{4}$ inches, 24 inch long. Each... .05
 Crate of 50...any pattern... 2.25
10-P-608 Size $2\frac{1}{4} \times 2\frac{3}{4}$ inches
 20 in. long. Each...\$0.10 Crate of 50...\$4.85
 24 in. long. Each... .10 $\frac{1}{4}$ Crate of 50... 4.95
10-P-608 Size $2\frac{3}{4} \times 2\frac{3}{4}$ inches
 20 in. long. Each...\$0.12 $\frac{1}{4}$ Crate of 50...\$6.10
 24 in. long. Each... .13 $\frac{1}{4}$ Crate of 50... 6.35

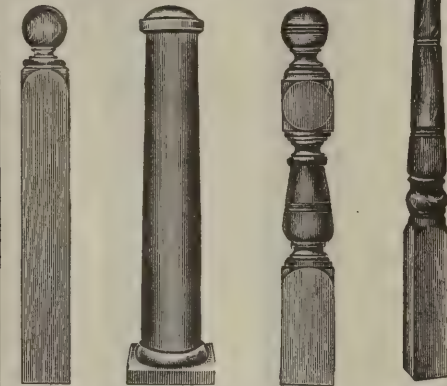
Solid Wood Posts and Newels

FANCY TURNED COLUMNS 10-H-113
 Prices

Size	8 ft.	9 ft.	10 ft.
4x4 inches.....	\$0.57	\$0.64	\$0.71
5x5 inches.....	.88	.99	1.10
6x6 inches.....	1.24	1.37	1.55

NEWELS

Size	10 G 112	10 H 114	10 H 115
4x4 in., 4 ft.	\$0.32	\$0.31	
5x5 in., 4 ft. ....	.47	.45	
6x6 in., 4 ft.	\$1.05	.67	.65
8x8 in., 4 ft.	1.20		
10x10 in., 4 ft.	1.80		



10-H-115 10-G-112 10-G-114 10-H-113

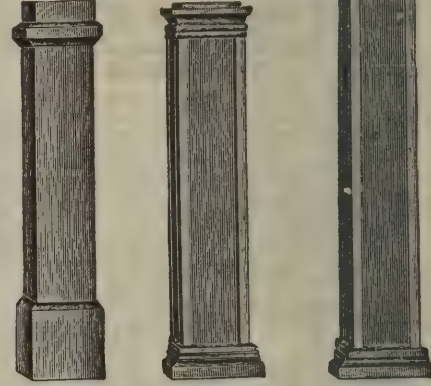
Square Built-Up Columns and Newels

Made of Selected Soft Woods
 SIZES AND PRICES OF No. 10-G-520

Length	8x8 in.	10x10 in.	12x12 in.
6 feet....	\$1.98	\$2.60	
8 feet....	2.24	3.01	\$4.55
9 feet....	2.26	3.30	5.24
10 feet....	2.61	4.24	5.77

BUILT-UP NEWELS

10-G-522 Price each
 6x6 in., 3 ft. 6 in. long...\$1.15
 6x6 in., 4 ft. long... 1.40
10-G-521 Price each
 8x8 in., 4 ft. long...\$1.22
 10x10 in., 4 ft. long... 1.61
 12x12 in., 4 ft. long... 2.19



10-E-522 10-G-521 10-G-520

Porch Spindles and Sawed Ballusters



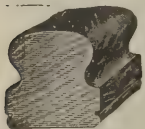
10-P-132 **10-P-133**
 Prices of Spindles
10-P-132 and 133
 Size Price Ea.
 1 $\frac{1}{2}$ x 8".....\$0.02 $\frac{1}{2}$
 1 $\frac{1}{2}$ x 10"..... .03
 1 $\frac{1}{2}$ x 12"..... .03 $\frac{1}{2}$

Soft Woods

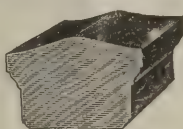
10-E-601. Sawed Baluster, $\frac{1}{4}$ -in thick, $\frac{5}{8}$ -in. wide.
 Price each 2 ft. long....8c
 Price each 2 ft. 6 in. long 10c



Porch Rails—Best Designs



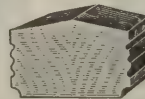
10-H-145
 Fancy Top Rail,
 Extra Heavy,
 2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "
 Per 100 Lin. ft.
 \$4.20



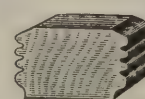
10-G-606
 Colonial Top Rail,
 Extra Heavy,
 2 $\frac{1}{2}$ "x3 $\frac{1}{4}$ "
 Per 100 Lin. Ft.
 \$6.50



10-H-607
 Colonial Bottom Rail,
 Extra Heavy, 1 $\frac{1}{2}$ "x3 $\frac{1}{4}$ "
 Per 100 Lin. Ft.
 \$5.00



10-H-146
 Top Rail,
 1 $\frac{1}{2}$ "x3"
 Per 100 Lin. Ft.
 \$3.00



10-H-147
 Bottom Rail,
 1 $\frac{1}{2}$ "x3"
 Per 100 Lin. Ft.
 \$3.00



10-E-149
 Frieze Rail,
 1 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "
 Per 100 Lin. Ft.
 \$3.00



10-H-560
10-H-561
 TOP and BOTTOM RAIL
 Rabbeted $\frac{1}{4}$ inches
 Top Rail 1 $\frac{1}{2}$ "x3" **10-H-560**
 Per 100 lineal ft....\$3.50
 Bottom Rail 10-H-561
 13-16x3 inches
 Per 100 lineal ft....\$2.00

Porch Baluster Stock

CLEAR, SOFT WOOD
 Prices Per 100 Lin. Ft.

10-H-151
 Baluster Stock, 1 $\frac{1}{2}$ "x1 $\frac{3}{4}$ "
 Per 100 Lin. Ft....\$1.90

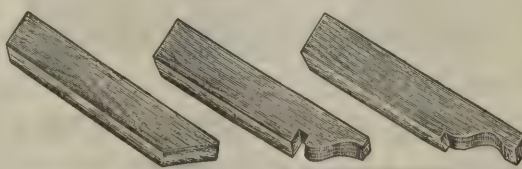
10-H-152

Baluster Stock, 1 $\frac{1}{2}$ "x1 $\frac{3}{4}$ "
 Per 100 Lin. Ft....\$1.30

10-H-556

Square Baluster Stock
 Surfaced All Sides
 1 $\frac{1}{2}$ x $\frac{1}{2}$ in., per 100 lineal ft. \$0.40
 1 $\frac{1}{2}$ x 1 in., per 100 lineal ft. .90
 1 $\frac{1}{2}$ x 1 $\frac{1}{2}$ in., per 100 lineal ft. 1.30
 1 $\frac{1}{2}$ x 2 in., per 100 lineal ft. 1.90
 Cut to lengths at 25c per 100 ft. extra.

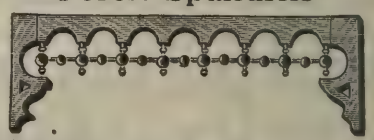
Rafter Ends



Made from 2x4 and 2x6 stock, dressed 4 sides.

Length	2 ft.		4 ft.		5 ft.		6 ft.	
	2x4 in.	2x6 in.	2x4 in.	2x6 in.	2x4 in.	2x6 in.	2x4 in.	2x6 in.
10-H-590..	\$0.09	\$0.16	\$0.22	\$0.20	\$0.27	\$0.24	\$0.32	
10-H-591..	.12	.18	.24	.23	.31	.27	.36	
10-H-594..	.11	.17	.23	.22	.29	.26	.35	

Porch Spandrels



$\frac{7}{8}$ -Inch thick, 6 inch in center, brackets 12-inch drop on sides.

No. 10-E-581. Price per foot, not including brackets. 100
 No. 10-E-582. End Brackets, each..... 80

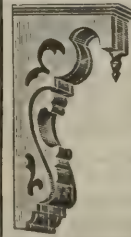
PERGOLAS—Let us figure with you on a Pergola—send your rough sketch. You will be surprised at their low cost.

Adjustable Gable Brackets



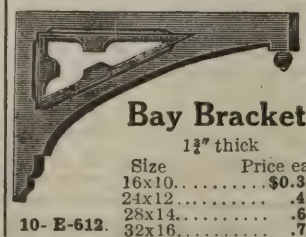
10-E-138. Adjustable to any pitch. Extends 4 feet down gable. Price, each....\$1.00

Fancy Face Bracket



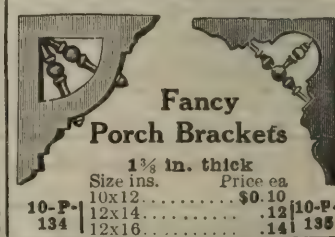
3Member, 3 $\frac{1}{2}$ Inches Thick.
10-E-137
 Size Ins. Price
 8x16.....\$0.35
 8x24..... .40
 8x30..... .45
 10x20..... .55
 10x24..... .59
 10x30..... .72

Bay Bracket



1 $\frac{1}{2}$ " thick
 Size Price ea.
 16x10.....\$0.35
 24x12..... .45
 28x14..... .60
 32x16..... .70

Fancy Porch Brackets



1 $\frac{1}{2}$ in. thick
 Size Ins. Price ea.
 10x12.....\$0.10
 12x14..... .12
 12x16..... .14
10-P-134 **10-P-135**

High Grade Stair Material

Goods of Superior Merit. Prices that Defy Competition.

HIGHEST GRADE SELECTED STOCK. BEST WORKMANSHIP
The stairway is the first thing to be noticed about the interior of a house, just as the stairway picture caught your eye when you opened the book at this page. Therefore, it is essential that you look well to the style and class of material used for this purpose.

We are positive that we are able to furnish better material at lower prices than any one else can offer. We adhere strictly to a high standard in the manufacture of these goods and we are much more desirous of maintaining a deserved reputation for quality than to be known for low prices only. **WE CARRY A COMPLETE STOCK FOR IMMEDIATE SHIPMENT**



Similar in design to our Stairways
No. 10-E-631, No. 10-E-634, No. 10-E-637.



10-E-123
Main Newel



10-E-124
Main Newel



10-E-206
Main Newel



10-E-126
Main Newel



10-H-684
Mission
Main Newel



10-E-127
Angle or
Landing Newel



10-H-128
Angle or
Landing Newel



10-H-685
Mission
Angle
Newel

Angle or Landing Newels

5 inch extra long Shaft can be cut down to use as landing or starting newels.

Prices of Angle Newels.

	Yellow Pine	Plain Oak	Birch
10-E-127.....	\$1.65	\$1.75	...
10-E-128.....	1.65	1.80	\$2.25

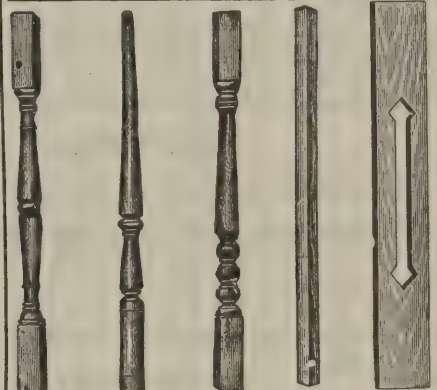
ANGLE NEWEL 10-H-685 5ft. long
Price, each, Yellow Pine, \$2.50 Red Oak, \$2.75

Main Newels

Artistic and Exclusive Designs

8 inches at Base, 6 inch Shaft. 4 feet long, extra long base.

	Yellow Pine	Plain Oak	Birch
10-E-123.....	\$2.70	\$3.00	...
10-E-124.....	2.85	3.05	\$3.50
10-E-126.....	2.55	2.95	...
10-E-206.....	2.25	2.55	...
10-H-684 Cap 9 1/4 in., Shaft 6 in., Base 7 1/4 in., Height 4 ft.	Yellow Pine	Red Oak	
Price, each.....	\$3.50	\$3.95	



10-E-116 10-E-117 10-E-118 10-E-652 Mission 10-H-689

STAIR BALUSTERS
1 1/2 ins thick furnished 28 ins. and 32 ins long.
No. 10-H-652 also supplied in long lengths. Smoothly finished.

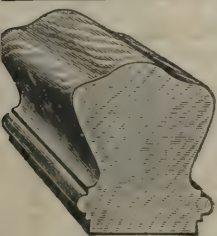
Cat No.	28 inch		32 inch	
	Y. P.	Oak	Y. P.	Onk.
10-E-116	\$0.10	\$0.12	\$0.11	\$0.13
10-E-117	0.10	0.12	0.11	0.13
10-E-118	0.09	0.10	0.10	0.11
10-E-652	0.07	0.09	0.08	0.10

Balusters 10-H-689. 1/2 x 2 1/4 x 24 inches
Price each..... Yellow Pine, 12c Red Oak, 15c

SQUARE EDGE STAIR BALUSTER STOCK
10-E-653 Square surfaced 4 sides smoothly, finished Furnished in random lengths.

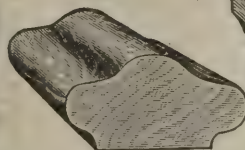
	Y. P.	Oak
Price per 100 Lin. ft.	90c	\$1.80
1 1/2 x 1 1/2.....		

Stair Rail Shoe and Fillet



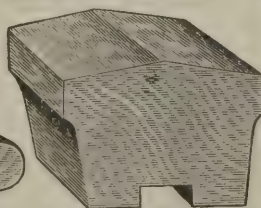
2 1/4 x 3 3/4 inches
10-P-156

Prices per Lineal Foot
Y. Pine... 11 1/2c Oak... 13c
Add 10 per foot if rabbeted for 1 1/2 in. or 1 3/4 in. Balusters.



2 1/4 x 3 3/4 inches
10-P-155

Prices per Lineal Foot
Y. Pine... 10c Oak... 12c



3 1/2 x 2 1/2 ins Rab. 7/8 inch
10-H-686. Mission Rail
Prices per Lineal Foot
Yellow Pine... 12c
Red Oak... 16c

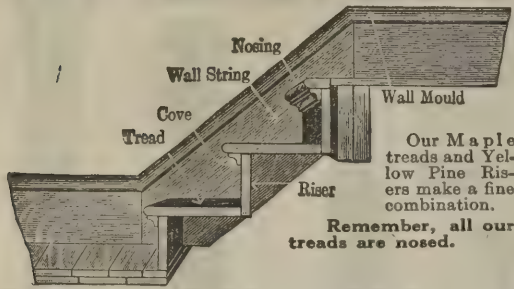


10-E-157.
RABBETED SHOE
3/8 x 2 1/4 ins.
Per lineal foot.
Yellow Pine..... 2 1/2c
Oak..... 4c



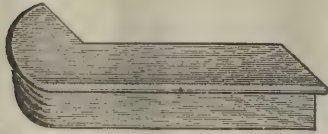
10-E-158. **FILLET**
3/8 x 1 1/4 inches.
Per lineal foot.
Yellow Pine..... 1 1/2c
Oak..... 2c

Stair Material and Bills



Circle Treads and Risers

Furnished Complete as Illustrated
Built—Ready to Set in Place



Circle Step—Furnished Right or Left Hand Return
Illustration shows left-hand return
Prices for Sizes up to 4 ft. (Width of Stairs)

No.	Description	Wood	Price Each
10-E-660	Left Hand Return	Clear Y.P.	\$4.15
10-E-661	Right Hand Return	Clear Y.P.	4.15
10-E-662	Left Hand Return	Clear Oak	4.50
10-E-663	Right Hand Return	Clear Oak	4.50



Circle Step—Furnished Right or Left Hand Return
Illustration shows Right Hand Return
Prices for Sizes up to 4 ft. (Width of Stairs)

No.	Description	Wood	Price Each
10-E-672	Right Hand Return	Clear Y.P.	\$3.40
10-E-673	Left Hand Return	Clear Y.P.	3.40
10-E-674	Right Hand Return	Clear Oak	3.75
10-E-675	Left Hand Return	Clear Oak	3.75

STAIR TREADS AND RISERS

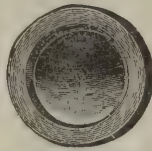
Illustration to the left shows a sectional view of our stair treads, risers, strong, etc., showing how easy it is to put up a flight of stairs from the material we quote.

Not only do our prices on stairwork effect a great saving for you, but you can build a larger range of sizes and a larger variety from the stock we list. You can put up a flight of stairs from our machined and cut-up stock in quicker time with less cutting, an important labor-saving feature.

Prices of Treads and Risers

Surfaced, cut smooth and nosed front. Clear Stock. Price each.

No.	Sizes	Y.-P.	Oak	Maple
	Inches Feet			
10-E-666. Riser.....	1 x 8 x 3	\$0.14	\$0.26	....
10-E-678. Riser.....	1 x 8 x 3½	.20	.30	....
10-E-679. Riser.....	1 x 8 x 4	.28	.41	....
10-E-667. Tread.....	1½ x 10 x 3	.26	.50	.49
10-E-680. Tread.....	1½ x 10 x 3½	.29	.70	.63
10-E-681. Tread.....	1½ x 10 x 4	.40	.78	.75
10-E-682. Tread.....	1½ x 12 x 3	.30	.56	.56
10-E-682. Tread.....	1½ x 12 x 3½	.37	.70	.70
10-E-683. Tread.....	1½ x 12 x 4	.46	.92	.92



WALL ROSETTE

10-E-669. Price
Size 4½x4½ Each
Yellow Pine..... 7c
Red Oak..... 10c

Acorn End for Round Rail



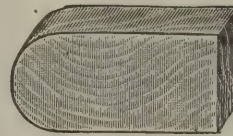
10-E-671. Acorn End, Yellow Pine..... 6c
10-E-677. Acorn End, Red Oak..... 9c



Round Rail

Price per ft
10-E-670. Rail, 1½ inches
diameter, Y.-P..... 6c
10-E-676. Rail, 1½ inches
diameter, R. O..... 9c

Landing Nosing



10-E-8262.
Size, 1½x2½.
Price for 100
Lineal feet.
Yellow Pine
Plain Red
Oak... 4.20

Return Nosing



10-E-8262½.
Size 1½x1½ Price
Yellow Pine..... \$1.00
Oak..... 2.35

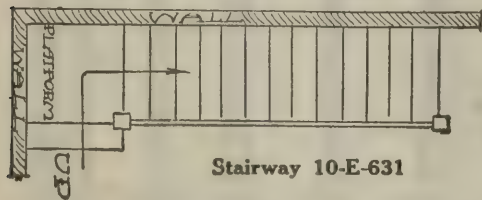
Stair Stringers.

Prices per 100 Lineal Feet.

No.	Size	Wood	Price
10-E-654. Wallmold.....	1½x1½	Y.-P.	\$0.75
10-E-655. Wallmold.....	1½x1½	Oak	1.50
10-E-656. String.....	1x10	Y.-P.	5.00
10-E-678½. String.....	1x12	Y.-P.	6.00
10-E-657. String.....	1x10	Oak	7.50
10-E-679½. String.....	1x12	Oak	8.75

STAIR BILLS \$8.26 AND UPWARDS

Below we show diagrams of two stairways for which we propose to furnish material at very low cost. We have figured on the basis of the actual material only as specified in our bills listed here, based on average run not higher than 9 ft. 9¼ inches from floor to floor. Treads and risers will be cut to lengths specified. Carriages are not furnished—better results may be obtained by cutting them on the job as the variation of an inch or so in height from floor to ceiling is apt to cause trouble. We furnish these stair bills in the knock-down.

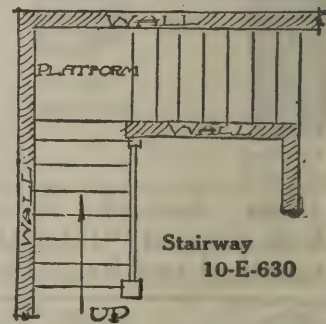


Stairway 10-E-631

MATERIAL FOR STAIRWAY 10-E-631. \$14.78.

Yellow Pine	Size	Catalog No.	Price, Each	Totals
14 Treads.....	3/0	10-E-668	\$0.30	\$4.20
2 Pcs. Nosing.....	3/0	10-E-8262	.06	.12
15 Risers.....	3/0	10-E-666	.14	2.10
2 Stringers.....	14/0	10-E-678½	.84	1.68
1 Stringer.....	10/0	10-E-678½	.60	.60
48 ft. Cove.....		10-E-8060	.30	.14
1 Newel.....		10-E-206	2.25	2.25
1 Newel.....		10-E-128	1.65	1.65
14 ft. Rail.....		10-E-156	.09	1.26
13 Balusters S4S.....	1½x1½-2/4	10-E-653	.03	.39
13 Balusters S4S.....	1½x1½-2/8	10-E-653	.03	.39

Stairway, 10-E-631. Total Price, K. D. and bundled, Yellow Pine..... \$14.78
Stairway, 10-E-631. If furnished in Red Oak..... 23.02



Stairway
10-E-630

MATERIAL FOR
STAIRWAY 10-E-630. \$13.78

Yellow Pine	Size	Catalog No.	Price Each	Totals
14 Treads.....	3/0	10-E-668	\$0.30	\$4.20
2 Pcs. Nosing.....	3/0	10-E-8262	.06	.12
16 Risers.....	3/0	10-E-666	.14	2.24
2 Stringers.....	10/8	10-E-678½	.66	1.32
2 Stringers.....	8/0	10-E-678½	.48	.96
48 ft. Cove.....		10-E-8060	.30	.14
1 Newel.....		10-E-206	2.25	2.25
1 Newel.....		10-E-128	1.65	1.65
6 ft. Rail.....		10-E-156	.09	.54
6 Balusters S4S.....	1½x1½-2/4	10-E-653	.03	.18
6 Balusters S4S.....	1½x1½-2/8	10-E-653	.03	.18

Stairway 10-E-630. Total price, K. D. and bundled Yellow Pine... \$13.78
Stairway 10-E-630. If furnished in Red Oak..... 21.60

Complete Stair Bills

HOW TO SAVE MONEY ON STAIR WORK

The six stair bills shown here have been carefully designed to suit the average requirements. Material for the same designs reversed, furnished at prices quoted. We may not show the particular stair design you want, or you may wish to make changes in the material and use some other styles in Newels, Rail or Balusters. We are prepared to figure with you on any kind of Special Stair-work.

All bright, new stock, freshly machined. In our lists, we give our catalog number on each item so it will be an easy matter to identify just what each article is by referring to description of the goods.

Our price covers the material mentioned in our list, which is based on

average run of stairs not higher than 9 ft., 9½ inches from floor to floor. Stair carriages are not furnished with these bills as this part of the work should be done on the job to insure an exact fit. Treads and risers are cut to lengths specified.

These bills of Stair Material are furnished in the knock-down only and we are very careful in preparing for shipment, everything being properly packed and bundled so as to reach you in the best of condition.

We quote on both Clear Yellow Pine and Clear Red Oak and taking quality into consideration, we know our prices are away below what ordinarily is asked for goods of this character.

\$8.26

Buys Material for This Stairway

STAIRWAY No. 10-E-632

Yellow Pine	Size	Catalog Number	Price Each	Totals
15 Treads.....	3-0	10-E-667	\$0.26	\$3.90
1 Pec. Nosing	3-0	10-E-8262	.06	.06
16 Risers.....	3-0	10-E-666	.14	2.24
2 Stringers.....	16-0	10-E-678½	.96	1.92
48 Ft. Cove....	12-0	10-E-8060	.30	.14

Stairway 10-E-632. Total Price, K. D. and Bundled, Yellow Pine..... **\$8.26**

Stairway 10-E-632. If furnished in RED OAK..... **\$14.94**

\$8.62

Buys Material For This Stairway

STAIRWAY No. 10-E-635

Yellow Pine	Size	Catalog Number	Price Each	Totals
14 Treads.....	3-0	10-E-668	\$0.30	\$4.20
2 Pos. Nosing	3-0	10-E-8262	.06	.12
16 Risers.....	3-0	10-E-666	.14	2.24
4 Stringers.....	8-0	10-E-678½	.48	1.92
48 Ft. Cove....	12-0	10-E-8060	.30	.14

Stairway 10-E-635. Total Price, K. D. and Bundled, Yellow Pine..... **\$8.62**

Stairway 10-E-635. If furnished in RED OAK..... **\$15.41**

\$15.09

Buys Material for This Stairway

STAIRWAY No. 10-E-633

Yellow Pine	Size	Catalog Number	Price Each	Totals
15 Treads.....	3-0	10-E-668	\$0.30	\$4.50
1 Pos. Nosing	3-0	10-E-8262	.06	.06
16 Risers.....	3-0	10-E-666	.14	2.24
2 Stringers.....	16-0	10-E-678½	.96	1.92
44 Ft. Cove....	12-0	10-E-8060	.30	.13
1 Newell.....	10-E-206	2.25	2.25	
1 Newell.....	10-E-128	1.65	1.65	
16 Ft. Rail.....	10-E-156	.09	1.44	
15 Balusters S4S.	1½x1½ 2-4	10-E-653	.03	.45
15 Balusters S4S.	1½x1½ 2-8	10-E-653	.03	.45

Stairway 10-E-633. Total Price, K. D. and Bundled, Yellow Pine..... **\$15.09**

Stairway 10-E-633. If furnished in RED OAK..... **\$23.58**

\$21.92

Buys Material For This Stairway

STAIRWAY No. 10-E-636

Yellow Pine	Size	Catalog Number	Price Each	Totals
13 Treads.....	3-0	10-E-668	\$0.30	\$3.90
2 Pos. Nosing	3-0	10-E-8262	.06	.12
1 Tread.....	10-E-672	3.40	3.40	
15 Risers.....	3-0	10-E-666	.14	2.10
2 Stringers.....	10-0	10-E-678½	.60	1.20
2 Stringers.....	8-0	10-E-678½	.48	.96
48 Ft. Cove....	12-0	10-E-8060	.30	.14
1 Newel.....	10-E-123	2.70	2.70	
2 Newels.....	10-E-127	1.65	3.30	
14 Ft. Rail.....	10-E-156	.90	1.26	
13 Balusters.....	1½x28	10-E-116	.10	1.30
14 Balusters.....	1½x32	10-E-116	.11	1.54

Stairway 10-E-636. Total Price, K. D. and Bundled, Yellow Pine..... **\$21.92**

Stairway 10-E-636. If furnished in RED OAK..... **\$30.26**

\$24.03

Buys Material For This Stairway

STAIRWAY No. 10-E-634

Yellow Pine	Size	Catalog Number	Price Each	Totals
13 Treads.....	3-0	10-E-668	\$0.30	\$3.90
3 Pos. Nosing	3-0	10-E-8262	.06	.18
16 Risers.....	3-0	10-E-666	.14	2.24
2 Stringers.....	12-0	10-E-678½	.72	1.44
2 Stringers.....	8-0	10-E-678½	.48	.96
48 Ft. Cove....	10-E-8060	.30	.14	
2 Newels.....	10-E-124	2.85	5.70	
3 Newels.....	10-E-128	1.65	4.95	
16 Ft. Rail.....	10-E-156	.09	1.44	
12 Balusters.....	1½x28	10-E-118	.09	1.08
20 Balusters.....	1½x32	10-E-118	10.	2.00

Stairway 10-E-634. Total Price, K. D. and Bundled, Yellow Pine..... **\$24.03**

Stairway 10-E-634. If furnished in RED OAK..... **\$32.50**

\$21.72

Buys Material For This Stairway

STAIRWAY No. 10-E-637

Yellow Pine	Size	Catalog Number	Price Each	Totals
12 Treads.....	3-0	10-E-668	\$0.30	\$3.60
3 Pos. Nosing	3-0	10-E-8262	.06	.18
1 Tread.....	10-E-672	3.40	3.40	
15 Risers.....	3-0	10-E-666	.14	2.10
2 Stringers.....	8-0	10-E-678½	.48	.96
2 Stringers.....	14-0	10-E-678½	.84	1.68
48 Ft. Cove....	10-E-8060	.30	.14	
1 Newel.....	10-E-126	2.55	2.55	
3 Newels.....	10-E-128	1.65	4.95	
16 Ft. Rail.....	10-E-156	.09	1.44	
12 Balusters S4S.	1½x1½ 2-4	10-E-653	.03	.36
12 Balusters.....	1½x1½ 2-8	10-E-653	.03	.36

Stairway 10-E-637. Total Price, K. D. and Bundled, Yellow Pine..... **\$21.72**

Stairway 10-E-637. If furnished in RED OAK..... **\$30.44**

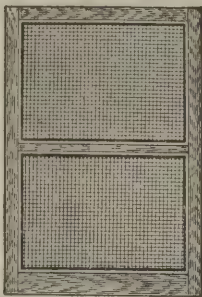
SCREENS! SCREENS! SCREENS!!

Prices Were Never So Low

2-Lt. Window Screens

48c AND UP

These Screens are made full size and will cover entire window. Prices shown are for Black, Galvanized and Copper Bronze Wire. They are 1 1/2" thick.



Special: The Black Wire used in the manufacture of our screens is a High-Grade Steel Wire covered with Black Enamel. Our Galvanized Wire is a high-grade Steel Wire heavily galvanized. The Copper Bronze Wire is a composition of Copper and Bronze, which produces a durable and non-rusting wire. All the Wire is Standard 12 Mesh.

For prices on Half Size Window Screens see our Made-to-Order Screens priced and described in this circular.

ORDER NOW—QUICK SHIPMENT.

Full Size Window Screens at Wholesale Prices. Almost one-hundred (100) Popular Sizes from which to make your selection. Protect your health and home with high-grade screens, at lower-than-ever-prices. Steal a march on the "Fly" and send us your order Right Now. A few minutes of time now, will save you weeks of delay and anxiety, later on during the rush season. Made from thoroughly kiln-dried Lumber. Wide 2 in. stiles and top rails and 3 in. bottom rails which are added features. The joints are mortised and tenoned in order to prevent warping and sagging. The wire used either Black, Galvanized or Copper Bronze, is of the highest grade and is stretched and fastened to the frame with a beaded moulding which is neatly mitred and fitted in place producing a well made, substantial screen.

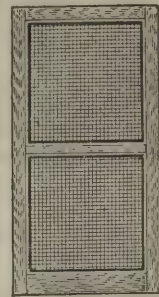
Our Black Wire Screens will stand the weather better, and will last longer than any other Black Wire Screen on the market, providing it is given a coat of our Black Mineral Paint every year. Our Copper Bronze Wire Screens will never rust, and will give satisfactory service for years without painting.

For Special and Intermediate sizes see our Made-to-Order Window Screens.

4-Lt. Window Screens

69c AND UP

Full Size Screens to fit Four Light Windows, Thickness 1 1/2 in, priced with black, galvanized and copper bronze wire.



Window Screens to Fit Two-Light Windows

Size of Glass in Windows 2 Lights	Will Fill Opening Ft. In. Ft. In.	10-J-527 Covered with Black Wire	10-J-528 Covered with Galvanized Wire	10-J-529 Covered with Copper Bronze Wire	Size of Glass in Windows 2 Lights	Will Fill Opening Ft. In. Ft. In.	10-J-527 Covered with Black Wire	10-J-528 Covered with Galvanized Wire	10-J-529 Covered with Copper Bronze Wire
12x20	1 4 1/2 x 3 1 1/2	\$0.48	\$0.58	\$0.75	26x24	2 6 1/2 x 4 7 1/2	\$0.80	\$0.93	\$1.24
12x24	1 4 1/2 x 4 7 1/2	.60	.62	.80	26x26	2 6 1/2 x 4 11 1/2	.85	.95	1.29
12x28	1 4 1/2 x 5 3 1/2	.64	.70	.90	26x28	2 6 1/2 x 5 3 1/2	.90	1.01	1.40
12x30	1 4 1/2 x 5 7 1/2	.65	.73	.96	26x30	2 6 1/2 x 5 7 1/2	.92	1.03	1.45
14x20	1 6 1/2 x 3 1 1/2	.60	.65	.83	26x32	2 6 1/2 x 5 11 1/2	.93	1.04	1.54
14x24	1 6 1/2 x 4 7 1/2	.61	.70	.90	28x20	2 8 1/2 x 3 1 1/2	.83	.95	1.30
14x28	1 6 1/2 x 5 3 1/2	.70	.76	.98	28x24	2 8 1/2 x 4 7 1/2	.94	.96	1.34
16x20	1 8 1/2 x 3 1 1/2	.60	.70	.85	28x26	2 8 1/2 x 4 11 1/2	.90	.99	1.37
16x24	1 8 1/2 x 4 7 1/2	.63	.71	.91	28x28	2 8 1/2 x 5 3 1/2	.92	1.05	1.42
16x26	1 8 1/2 x 4 11 1/2	.65	.74	.93	28x30	2 8 1/2 x 5 7 1/2	.93	1.06	1.62
16x28	1 8 1/2 x 5 3 1/2	.70	.80	1.02	28x32	2 8 1/2 x 5 11 1/2	.94	1.06	1.62
16x30	1 8 1/2 x 5 7 1/2	.71	.81	1.08	30x24	2 10 1/2 x 4 7 1/2	.88	1.02	1.44
18x20	1 10 1/2 x 3 1 1/2	.64	.65	.94	30x26	2 10 1/2 x 4 11 1/2	.95	1.03	1.49
18x24	1 10 1/2 x 4 7 1/2	.65	.69	1.01	30x28	2 10 1/2 x 5 3 1/2	.98	1.11	1.59
18x26	1 10 1/2 x 4 11 1/2	.67	.74	1.02	30x30	2 10 1/2 x 5 7 1/2	.99	1.13	1.62
18x28	1 10 1/2 x 5 3 1/2	.73	.83	1.10	30x32	2 10 1/2 x 5 11 1/2	1.00	1.14	1.69
18x30	1 10 1/2 x 5 7 1/2	.74	.84	1.11	32x24	3 0 1/2 x 4 7 1/2	.99	1.09	1.56
20x20	2 0 1/2 x 3 1 1/2	.67	.75	.93	32x26	3 0 1/2 x 4 11 1/2	1.08	1.15	1.57
20x24	2 0 1/2 x 4 7 1/2	.68	.79	1.04	32x28	3 0 1/2 x 5 3 1/2	1.12	1.27	1.76
20x26	2 0 1/2 x 4 11 1/2	.70	.80	1.15	32x30	3 0 1/2 x 5 7 1/2	1.13	1.29	1.81
20x28	2 0 1/2 x 5 3 1/2	.73	.87	1.19	32x32	3 0 1/2 x 5 11 1/2	1.19	1.35	1.90
20x30	2 0 1/2 x 5 7 1/2	.79	.88	1.25	36x24	3 4 1/2 x 4 7 1/2	1.17	1.32	1.87
22x20	2 2 1/2 x 3 1 1/2	.67	.73	1.01	36x26	3 4 1/2 x 4 11 1/2	1.18	1.35	1.90
22x24	2 2 1/2 x 4 7 1/2	.71	.75	1.09	36x28	3 4 1/2 x 5 3 1/2	1.19	1.38	1.93
22x26	2 2 1/2 x 4 11 1/2	.72	.83	1.12	36x30	3 4 1/2 x 5 7 1/2	1.24	1.40	1.98
22x28	2 2 1/2 x 5 3 1/2	.80	.92	1.24	36x32	3 4 1/2 x 5 11 1/2	1.26	1.45	2.08
24x18	2 4 1/2 x 3 7 1/2	.81	.93	1.29	40x24	3 8 1/2 x 4 7 1/2	1.25	1.47	2.07
24x20	2 4 1/2 x 3 11 1/2	.87	.73	1.01	40x26	3 8 1/2 x 4 11 1/2	1.26	1.50	2.08
24x22	2 4 1/2 x 4 3 1/2	.88	.75	1.04	40x28	3 8 1/2 x 5 3 1/2	1.27	1.52	2.11
24x24	2 4 1/2 x 4 7 1/2	.70	.78	1.08	40x30	3 8 1/2 x 5 7 1/2	1.35	1.53	2.18
24x26	2 4 1/2 x 4 11 1/2	.75	.83	1.13	40x32	3 8 1/2 x 5 11 1/2	1.42	1.57	2.25
24x28	2 4 1/2 x 5 3 1/2	.78	.89	1.23	44x24	4 0 1/2 x 4 7 1/2	1.40	1.68	2.28
24x30	2 4 1/2 x 5 7 1/2	.82	.93	1.30	44x26	4 0 1/2 x 4 11 1/2	1.41	1.70	2.31
24x32	2 4 1/2 x 5 11 1/2	.85	.95	1.37	44x28	4 0 1/2 x 5 3 1/2	1.44	1.65	2.40
		.87	.98	1.44	44x30	4 0 1/2 x 5 7 1/2	1.49	1.73	2.50

Durable Porch Screens 54c PER FT. AND UP

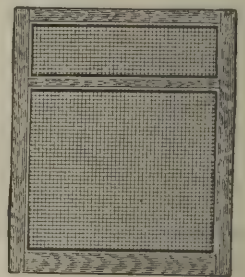
Real comfort within your reach at last. Here is your opportunity to enjoy Spring and Summer air right on your porch. Plan that extra sitting room on the front porch and that breakfast room on the rear porch right now. These Porch Screens are 1 1/2 inch thick, and are made to order only. Furnished in Black Wire, Galvanized and Copper Bronze Wire.

Height of Opening to be Filled	10-J-553 Price per Lineal or Running Foot Black Wire	10-J-554 Price per Lineal or Running Foot Galvanized Wire	10-J-582 Price per Lineal or Running Foot Copper Bronze Wire
6 feet	\$0.54	\$0.60	\$0.84
8 feet	.66	.75	1.10
9 feet	.75	.84	1.15
10 feet	.93	.99	1.40

Size of Bottom Glass in Windows	Size of Top Glass in Windows	Will Fill Opening Ft. In. Ft. In.	10-J-585 Covered with Black Wire	10-J-586 Covered with Galvanized Wire	10-J-587 Covered with Copper Bronze Wire
40x40	40x16	3-8x5- 3 1/2	\$1.47	\$1.64	\$2.27
40x42	40x14	3-8x5- 2 1/2	1.48	1.65	2.28
40x44	40x16	3-8x5- 7 1/2	1.53	1.77	2.45
44x40	44x16	4-0x5- 3 1/2	1.70	1.89	2.56
44x44	44x16	4-0x5- 7 1/2	1.77	1.99	2.77
44x48	44x16	4-0x5-11 1/2	1.80	2.05	2.90
44x50	44x18	4-0x6- 3 1/2	1.95	2.19	3.10

Cottage Window Screen

\$1.47 And Up



Full Size Screens to Fit Cottage Windows, thickness 1 1/2 inch. Made like cut. Priced with black, galvanized and copper bronze wire.

70 Our Plumbing And Heating Propositions Eliminate The High Priced Tradesmen HARRIS BROTHERS COMPANY 35th and Iron Sts., Chicago.

Best Made Window Screens

"STANDARD" WINDOW SCREENS

Our "STANDARD" Window Screens are well made from carefully selected materials. Close-fitting joints Strongly built in every way.

Save you doctor bills, save the lives of yourself and children. Danger lurks in the hairy, clinging feet of the common house fly. Millions of disease breeding germs are carried into your home, contaminating your food, and the entire list of ravaging fevers are liable to follow, to which children are especially susceptible. And not only that, but what a nuisance they are. Shut out these pests, and keep them out by using our custom-made screens.

"STANDARD" Screens are made to order only, either full size or half size. The half size screens are grooved at the sides for slides. Slides are included in the prices quoted. Furnished in three grades of wire as listed.

Our "STANDARD" Window Screens are furnished painted Black or Unpainted.

PRICES PER SQUARE FOOT FOR WINDOW SCREENS MEASURING FROM OUTSIDE TO OUTSIDE.

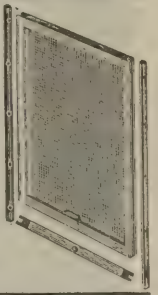
No.	Thickness.	
No. 10-F-506.	Full size, Black Wire Cloth.....	8½c
No. 10-F-507.	Half size, Black Wire Cloth.....	9c
No. 10-F-508.	Full size, Black Wire Cloth.....	10c
No. 10-F-509.	Half size, Black Wire Cloth.....	10½c
No. 10-F-510.	Full size, Galvanized Wire.....	10c
No. 10-F-511.	Half size, Galvanized Wire.....	10½c
No. 10-F-512.	Full size, Galvanized Wire.....	11½c
No. 10-F-513.	Half size, Galvanized Wire.....	12c
No. 10-F-514.	Full size, Coppered Bronze Wire.....	16c
No. 10-F-515.	Half size, Coppered Bronze Wire.....	17c
No. 10-F-516.	Full size, Coppered Bronze Wire.....	17c
No. 10-F-517.	Half size, Coppered Bronze Wire.....	18c

No screen covered with Black wire, furnished for less than 75c.

No screen covered with Galvanized or Aluminoid Wire furnished for less than 90c.

No screen covered with Bronze or Copper Wire furnished for less than \$1.00.

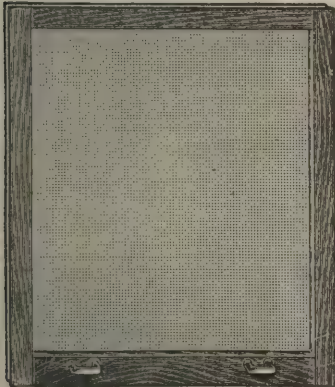
HALF SIZE SCREENS WINDOW WITH GROOVED STYLES AND LOOSE SLIDES



HOW TO ORDER WINDOW SCREENS When ordering Full Size Screens, measure exact space that the screen is to occupy—the width between the outside casings and the height from the sill to the top or head casing from the sill to the upper sash at the point where the glass joins the wood. Prices given here are per square foot. Multiply width by height, using extreme measure over wood and wire both.

"RELIABLE" WINDOW SCREENS

Our "RELIABLE" Window Screens have full mortise and tenoned joints, the tenons being securely wedged in the mortise after being dipped in boiling hot glue. This is unquestionably the strongest joint that can be made.



This is a strictly high grade screen in every way, made from the best materials carefully selected for the purpose, extra fine finish. Made to your order.

The Side Stiles and Top Rails are 13-16 in. x 1½ in. Bottom Rails, 13-16 in. x 2¼ in. The Wire Cloth is stretched tight, tacked securely on edges and covered with half round mitred mouldings.

Illustrations shown represent half the size of a full window, to cover the bottom sash. The cut at left shows the hand holes and the cut at right shows imaginary sections cut out so that you can see the brass plated steel springs which are set in the grooves. These springs are fastened at one end only, allowing a certain amount of play so that the screens can be easily raised and lowered. Easily removed and installed by pushing against springs that clear the grooves from opposite sliding strip. Oiled hardwood sliding strips are furnished.

The "RELIABLE" Full Length Window Screen is made the same as the Sliding Screen, with the exception that there are no grooves or springs at sides and no handhole lifts. Full length screens have narrow bar across the center.

Furnished with preservative primer and painted one coat pure lead, Olive, Green or Black Paint.

A special feature is the small duplicate brass numbers furnished free with our "RELIABLE" Screens. You know at a glance where each screen belongs.

PRICES per square foot, outside measure. For 1½ inch thick add 10 per cent to these prices.

Covered with BLACK ENAMELED wire
12 Mesh Cloth. No Screen furnished under 90c
No. 10-P-534. Full length Screens, 11c
per square foot.....
No. 10-P-535. Half-length Sliding Screens, per square foot..... 11½c

Covered with ALUMINOID RUSTLESS wire
14 mesh Cloth. No Screen furnished under \$1.05.
No. 10-P-536. Full length Screens, 13c
per square foot.....
No. 10-P-537. Half length Sliding Screens, per square foot..... 14c

Covered with ANTIQUE BRONZE wire
14 mesh Cloth. No Screen furnished under \$1.25.
No. 10-E-538. Full length Screens, 19c
per square foot.....
No. 10-F-539. Half length Sliding Screens, per square foot..... 20c

"FLI-PROOF" ADJUSTABLE WINDOW SCREENS

This is the most satisfactory Adjustable Window Screen made. Material and workmanship are the best and the new method of center metal bars makes this screen absolutely fly-proof. Made of Selected Hard Wood, finished in Oak. Beaded both sides. Covered with Black Wire Cloth. Can be adjusted to fit any width window between open and closed sizes given.

Our Adjustable Screens are shipped direct from our Michigan factory, packed and crated in dozen lots of the same size and sold only by the dozen at the prices named. One doz. in two different sizes, one-half dozen each, 25c extra.

No. 10-H-519.

Size, Closed Inches	Size, Open Inches	Height Inches	Price per Dozen
20	33	9	\$1.73
20	33	12	2.03
20	33	15	2.18
20	33	18	2.40
20	33	22	2.93
20	33	24	3.00
22	37	24	3.38
22	37	28	3.83
20	33	30	3.90
22	37	30	4.13
28	45	30	4.73
22	37	32	5.18
22	37	36	5.20
28	45	36	6.08

NO. 10-H-519

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago.

We are offering Wonderful Bargains in Groceries.

Screen Door Sets

4-P-3673. Consists of one pair heavy hold back spring hinges, Japanese finish, one steel door pull, one hook and screw eye. Per set..... 11c



Screen Door Catches

4-P-3675. Vienna bronze finish, suitable for doors ¾ to 1½ inch thick, complete with screws. Price each..... 15c
Price, per dozen..... \$1.75



Malleable Iron Hangers

For full size Window Screens
4-E-2006. Price per pair, with screws..... 10c
4-E-2009. Price per doz. pair, with screws..... \$1.08
For description see Hardware Section of Catalog.

High Grade Screen Doors

The lumber used in the manufacture of our Door and Window Screens is carefully selected for the purpose, thoroughly seasoned and kiln dried.

BEST CONSTRUCTION

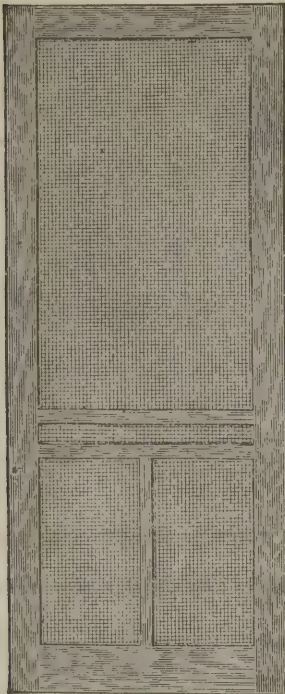
In the manufacture of Screens, our factory uses great care not only in the selection of material but in putting it together. All our Doors are made with dowel joints and we use heavy hardwood corrugated dowels, well glued. They are much stronger than the ordinary screen doors, sold by retailers. The cross rails are blind-tenoned into the stiles and not mortised through, giving the water no chance to soak in, therefore prevents rotting.

While screens are primarily an article of necessity and not intended for ornamentation, nevertheless, we believe in making our designs as neat and attractive as possible. The wire cloth is put on by special machinery, stretched drum-head tight and securely tacked. Covered with bead mould, except the "Mission" and "Supreme" doors which have raised mitred mouldings. The black enamel cloth that we use is made from hard steel wire, coated with a durable enamel, baked on. If repainted occasionally, it will last for years.

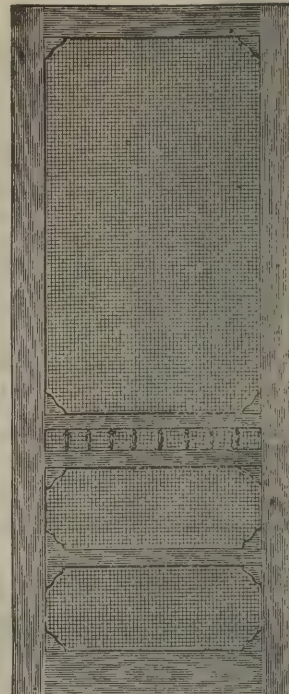
The Aluminum Rustless wire cloth furnished for our "Supreme" Doors is made of very hard steel wire, electroplated with a rust proof composition of zinc and aluminum. It is finished with a high grade transparent weather-resisting varnish and far exceeds ordinary galvanized cloth in wearing qualities.

The Antique Bronze wire cloth is made from 90 per cent pure copper-finished in rich antique color which requires no painting. It will not rust and we recommend its use in preference to bright copper cloth on account of its subdued color.

All Doors shown here are made with stiles and rails, 1½ inches thick and manufactured from choice selected Soft Arkansas Pine lumber, with the exception of No. 10-F-526, which is made of kiln-dried Oak.



"POPULAR"—10-H-501



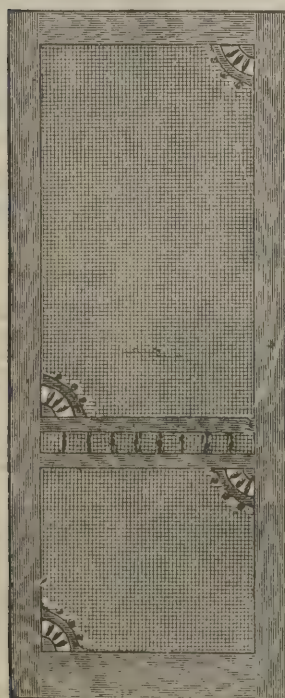
"COTTAGE"—10-H-502

Width.	Height	Price, Each.
2' 6" x 6' 6"		\$0.85
2' 8" x 6' 8"		.90
2' 10" x 6' 10"		.95
2' 8" x 7' 0"		.93
2' 10" x 7' 0"		.96
3' 0" x 7' 0"		.98

"POPULAR" Screen Door 10-F-501 is made of selected Soft Arkansas Pine, Stained Walnut. Covered with Black Wire Cloth. Stiles and rails 1½ inches thick.

"COTTAGE" Screen Door 10-H-502 is made of selected Soft Arkansas Pine, Finished Natural, two coats varnish. Covered with Black Wire Cloth. Stiles and rails 1½ inches thick.

Width.	Height.	Price, Each.
2' 6" x 6' 6"		\$1.30
2' 8" x 6' 8"		1.38
2' 10" x 6' 10"		1.45
2' 8" x 7' 0"		1.43
2' 10" x 7' 0"		1.46
3' 0" x 7' 0"		1.48



"FAVORITE"

"FAVORITE"

No. 10-H-518. 1½-inch thick. Made of Selected Soft Arkansas Pine—Finished Natural. Two Coats Varnish. Covered with Black Wire Cloth.

Width.	Height.	Each.
2' 6" x 6' 6"		\$1.26
2' 8" x 6' 8"		1.33
2' 10" x 6' 10"		1.40
2' 8" x 7' 0"		1.38
2' 10" x 7' 0"		1.40
3' 0" x 7' 0"		1.43

"MISSION"

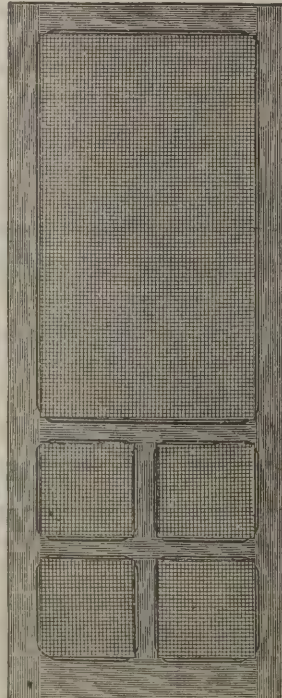
Made of Selected Soft Arkansas Pine. 1½-inch thick. Very Substantial. Finished Natural Two Coats Extra Quality Varnish.

No. 10-H-505. Covered with Black Wire Cloth.

Width.	Height.	Each.
2' 6" x 6' 6"		\$1.76
2' 8" x 6' 8"		1.84
2' 10" x 6' 10"		1.91
2' 8" x 7' 0"		1.88
2' 10" x 7' 0"		1.94
3' 0" x 7' 0"		1.98

No. 10-H-505½. Covered with Galvanized Wire Cloth.

Width.	Height.	Each.
2' 8" x 6' 8"		\$2.08
2' 10" x 6' 10"		2.15
2' 8" x 7' 0"		2.13
2' 10" x 7' 0"		2.18
3' 0" x 7' 0"		2.24



"MISSION"

"SUPREME"

(With solid raised panel)

No. 10-F-525. Selected Soft Arkansas Pine, 1½ inch thick. Finished Natural. Two Coats Extra Quality Varnish. Aluminum Rustless Wire Cloth.

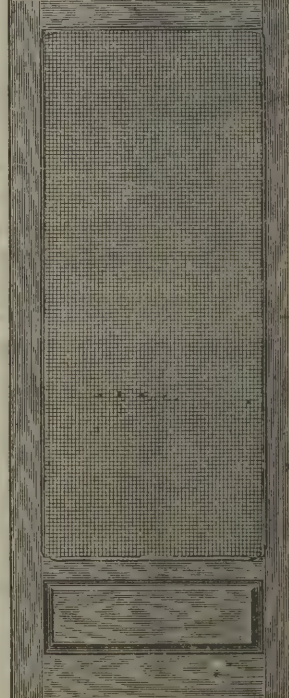
Width.	Height.	Each.
2' 8" x 6' 8"		\$1.89
2' 10" x 6' 10"		1.97
2' 8" x 7' 0"		1.94
2' 10" x 7' 0"		1.98
3' 0" x 7' 0"		2.02

"SUPREME"

SOLID OAK
THE SCREEN DOOR
OF QUALITY

No. 10-F-526. Made of Kiln-dried Oak. In the white (unfinished) or golden gloss finish. 1½ inch thick. Very strong and substantial. Antique Bronze Wire Cloth. Extremely distinctive in appearance.

Width.	Height.	Each.
2' 8" x 6' 8"		\$4.75
3' 0" x 7' 0"		5.25



"SUPREME"

Artistic Grillework

Just About One-Half Dealers' Regular Prices

When you want to liven up a certain arch or opening, you naturally want something that will not only look tasty and refined, but artistic and lively. That's just the effect our Grilles produce. An article of lasting adornment.

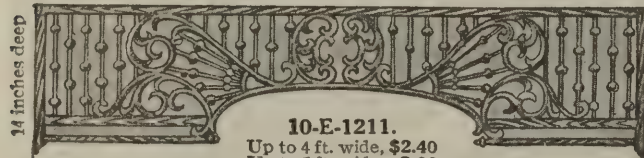
They are manufactured in a manner to suit the most fastidious. Worked from selected material to satisfy the most critical expert. A choice of woods so varied, to meet the wants of every locality and surroundings. The woods mainly used are Red Oak, Yellow Pine, Northern Birch, Southern Cypress and Brown Ash. For white enamel finish, nothing will equal Birchwood. Prices on other woods furnished on application.

All Grilles under four feet in width take the same price as though they measured four feet, with the exception of No. 10-G-1220, on which a minimum price up to three feet is listed.

Since all our Grilles are made to your order, they are shipped in the natural wood, just as they leave the wood-worker's hands, without varnish or stain. An extra charge of 20 per cent is made for finishing in oil and varnish, or in stain and varnish; for white enamel finish, add 40 per cent to catalogue prices. It often happens that grilles are wanted in a finish to match other woodwork, and by sending us a small sample of such finished woodwork, we can very easily duplicate the finish. However, if you know the kind of wood you want to match and it is finished natural, say Oak for instance, it will not be necessary to send us sample, just say if finish is to be light, dark or golden. Be particular to order correct size, state kind of wood, for if made according to your order and your size is wrong they will not be returnable.

Our Grilles are easy to set in place, because they are made up complete, in one piece, therefore requiring no expert labor.

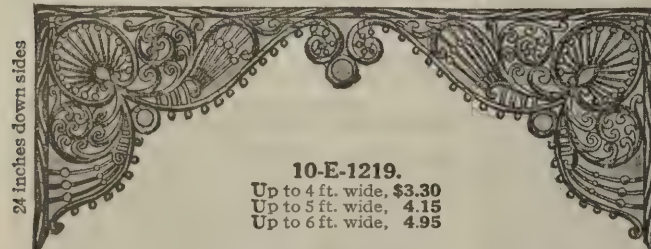
If kind of wood wanted is not given in your order, we will ship Oak.



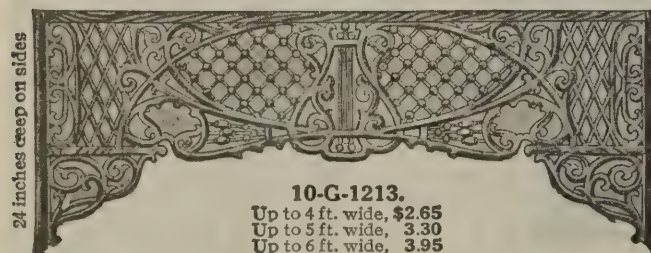
10-E-1211.
Up to 4 ft. wide, \$2.40
Up to 5 ft. wide, 3.00
Up to 6 ft. wide, 3.60



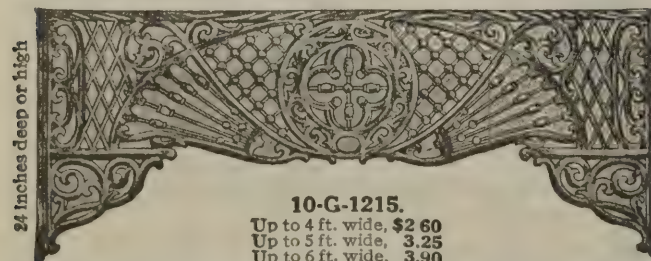
10-E-1208.
Up to 4 ft. wide, \$3.70
Up to 5 ft. wide, 4.55
Up to 6 ft. wide, 5.45



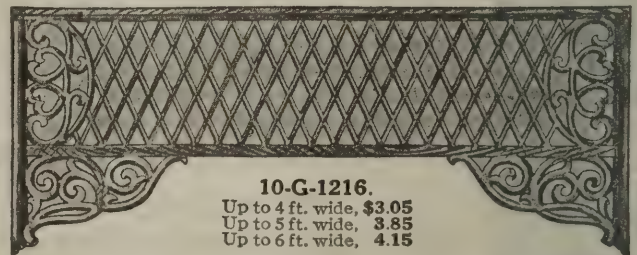
10-E-1219.
Up to 4 ft. wide, \$3.30
Up to 5 ft. wide, 4.15
Up to 6 ft. wide, 4.95



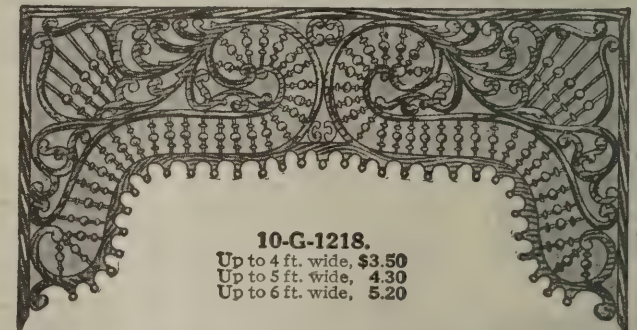
10-G-1213.
Up to 4 ft. wide, \$2.65
Up to 5 ft. wide, 3.30
Up to 6 ft. wide, 3.95



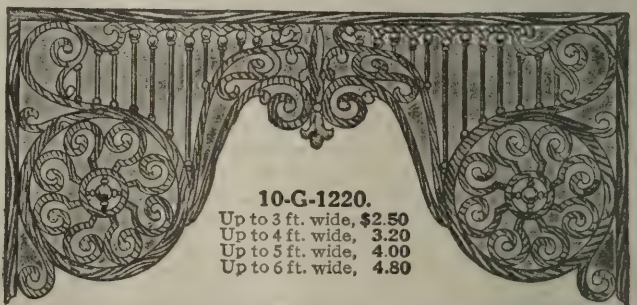
10-G-1215.
Up to 4 ft. wide, \$2.60
Up to 5 ft. wide, 3.25
Up to 6 ft. wide, 3.90



10-G-1216.
Up to 4 ft. wide, \$3.05
Up to 5 ft. wide, 3.85
Up to 6 ft. wide, 4.15



10-G-1218.
Up to 4 ft. wide, \$3.50
Up to 5 ft. wide, 4.30
Up to 6 ft. wide, 5.20



10-G-1220.
Up to 3 ft. wide, \$2.50
Up to 4 ft. wide, 3.20
Up to 5 ft. wide, 4.00
Up to 6 ft. wide, 4.80



10-E-1217.
Up to 4 ft. wide, \$4.30
Up to 5 ft. wide, 5.40
Up to 6 ft. wide, 6.45

Interior Columns and Colonnades

For Additional Designs of Colonnades. See General Catalog.

REGULAR BOX PEDESTALS ON THESE DESIGNS

Material and workmanship guaranteed to be equal to any similar line offered by others. Do not be misled by fictitious values. Merit and price count most—and ours are cheap in price only.

Never before did you have the opportunity to purchase high class interior columns and colonnades at such low prices. You can hardly imagine how much one of these colonnades enhances the beauty of any interior, especially if you desire to divide two rooms, for instance, the reception room and library, or dining room and parlor. In fact, no modern home should be without at least one of these openings. We offer plenty of choice so if you do not fancy one design, another will surely please you. The woods most commonly used for interior finishing are oak, yellow pine or birch, but should you desire our colonnade or columns made of some other wood to

match other wood work in your house like cypress or ash, we will furnish same at the same price as plain red oak.

Please do not confuse these colonnades with some that others list at higher prices which show a single paneled wainscoting, instead of regular box pedestal. The pedestals are about two feet projection from wall and about 11½ inches thick on face, made to fit around 5½ or 7½ inches wide jamb.

Our prices in every instance are for the wood named in the white, that is, just as it leaves the wood-workers' hands, not filled or varnished in any way. Should you want them finished in oil and varnished, we can do so at 15 per cent extra, or we can supply any design in white enameled at an increase of 30 per cent over prices named. In case you want a finished article and wish it to match other wood-work in the house, describe color as near as possible.

Interior Built Up Columns

Perfectly Manufactured
Sanded Finish.

No. 10-E-1250,
With Wood Cap and Base.

		Price	
Dia.	Length	Y. P.	Birch Oak
6 in.	x 6 ft.	\$3.25	\$3.85 \$3.95
6 "	x 7 "	3.45	4.03 4.16
6 "	x 8 "	3.75	4.30 4.45
7 "	x 6 "	3.60	4.16 4.30
7 "	x 7 "	3.95	4.52 4.66
7 "	x 8 "	4.30	4.88 5.02

No. 10-E-1251,
With Composition Cap.

		Price	
Dia.	Length	Y. P.	Birch Oak
6 in.	x 6 ft.	\$3.60	\$4.16 \$4.30
6 "	x 7 "	3.85	4.38 4.52
6 "	x 8 "	4.10	4.66 4.82
7 "	x 6 "	4.16	4.73 4.88
7 "	x 7 "	4.52	5.10 5.24
7 "	x 8 "	4.88	5.45 5.60

Be sure to state Size
and specify
KIND OF WOOD

\$11²⁵

For this Colonnade.
Biggest Value
Ever Offered

The low prices quoted do not include interior trim, such as casing, baseboards, dentals, etc. The room base can be around the pedestal as shown in illustration. Diameter of columns or pillars, 6 inches at base.

Price for opening 9 ft. wide by 9 ft. high or smaller.

For each additional foot either in width or height add \$1.50.

10-P-1249 Yellow Pine.....\$11.25

10-P-1252. Red Oak, \$14.95

10-P-1255, Birch...\$14.95

This Colonnade furnished with Square Paneled Columns at 50% extra

Colonnade \$14⁸⁰

Great Bargain

This design follows the same description as above No. 10-E-1249 excepting that the cap of the columns is composition material, Scamozzi design; the lower part is a box pedestal and columns are 6 ins. in diameter. Price for opening 9 feet wide by 9 feet high, or smaller.

For each additional foot either in width or height add \$1.50

10-E-1256. Y'low Pine \$14.80

10-E-1258. Red Oak.. 16.95

10-E-1260. Birch..... 16.95

This Fancy Colonnade \$17²⁵

Very Fancy design with fluted columns and Scamozzi composition cap. Balance of description same as 10-E-1249.

Price for opening 9 feet wide by 9 feet high or smaller.

For each additional foot either in width or height add \$1.50.

10-E-1265. Yellow Pine \$17.25

10-E-1266. Red Oak.... 19.50

10-E-1267. Birch..... 19.50

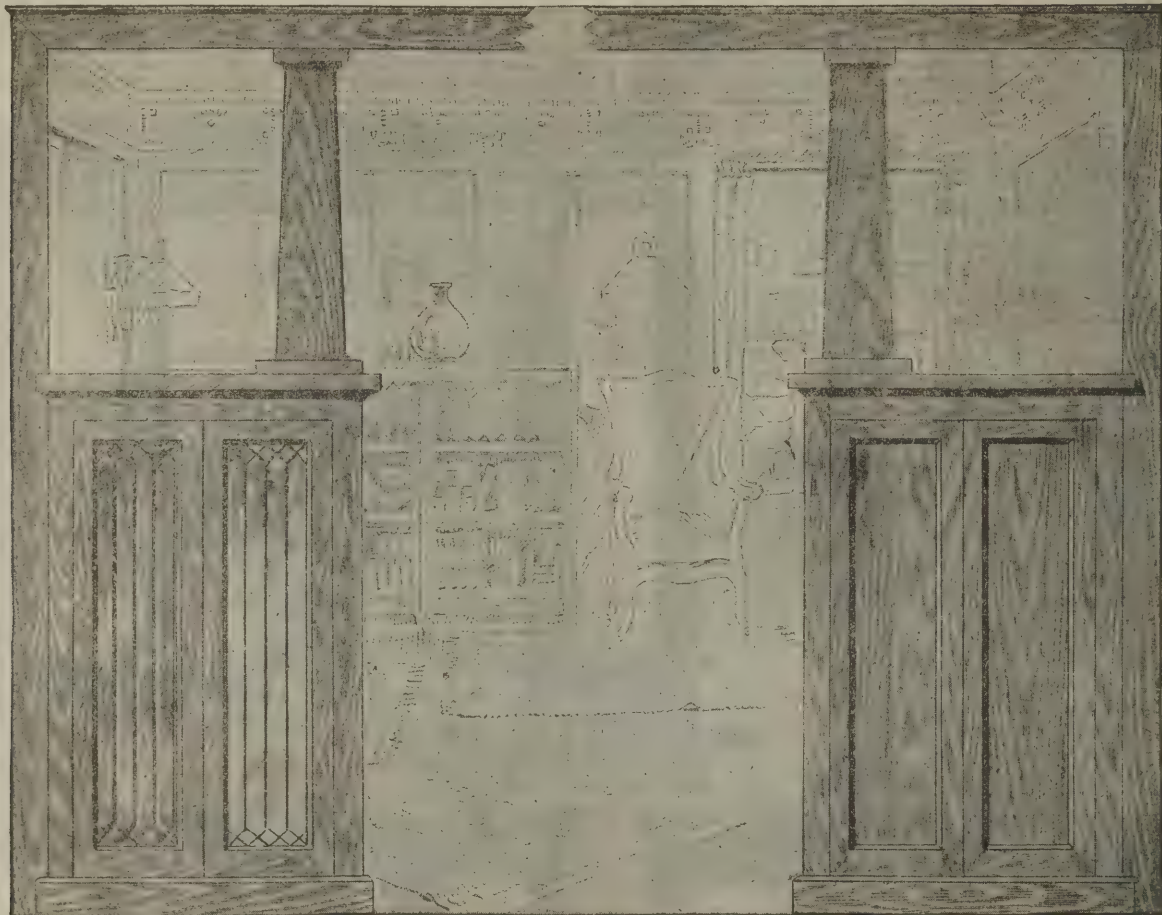
Modern Bookcase Colonnade

Combining utility and ornamentation in the most economical way.

Colonnades are primarily intended for decorative effect, and it is very seldom that an article of this merit can be made to serve a double purpose with such good results. This is economizing on an artistic plane, nothing penurious about it.

The lower, or pedestal part of one side of the Colonnade may be used for books, magazines, or for a music cabinet; and the other half for bric-a-brac or curios.

One-half may be used with glass doors, the other half with panel doors, as shown in illustration. Reverse side is closed with stationary panels (not movable), or can be supplied with glass doors or panels door on both sides, just as ordered. Listed several different ways, so you can take your choice. Be sure, however, that you specify plainly correct combination wanted and order by number. State kind of wood wanted, and width and height of opening



No. 10-P-1235.
Showing Leaded Glass Doors.

No. 10-P-1236.
Showing Panel Doors.

GENERAL INFORMATION

Suitable for openings from 6 ft. 6 in. to 8 ft. 6 in. in width, and up to 9 ft. in height. Columns or Posts are square, 6 in. at base tapering to about 5 in. at top. The Bookcase section is 4 ft. high, extend 2 ft. from wall and is made either 8 in., 10 in. or 12 in. on face, allowing for 6 in., 8 in or 10 in. book or shelf space on the inside. When ordering, state what space is preferred.

The wide pedestal shelf on top of Bookcase affords a roomy space for a large vase or other ornamentation. Each section has three adjustable shelves, thus taking care of any variety of books or china. No hardware included; this should match your other hardware. The glass is a selected grade, set in strong, metal bars, design as shown.

D. S. A. glass consists of one plain sheet of glass, double strength quality. Panel Doors are furnished with one long panel as shown. Interior door frames or jambs not included, nor side casing or head trimmings. Same are listed elsewhere in this catalog.

Shipped in the natural wood, not stained or varnished. Can supply that way for 20 per cent extra, for either a natural varnish or stained varnish finish. If ordered finished, be sure to say whether natural finish, showing the natural color of the wood and grain effect, or if wanted stained, state color and send sample if it is to match other woodwork.

Prices for Sizes up to 8 ft. 6 in. Wide by 9 ft. in Height

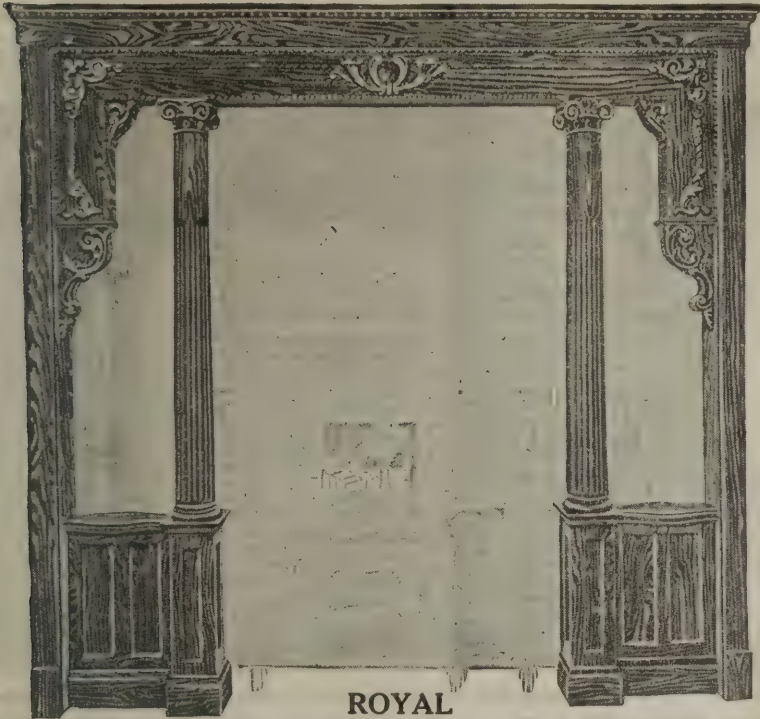
All prices cover 2 posts and 2 pedestal bases		Yellow Pine	Red Oak	Birch
No. 10-P-1235	With leaded glass doors, reverse side closed.	\$31.50	\$33.50	\$34.00
No. 10-P-1236	With panel doors, reverse side closed.	25.75	27.75	28.25
No. 10-P-1237	With panel doors on both face and reverse side.	28.35	30.35	30.85
No. 10-P-1238	With leaded glass on both face and reverse side.	41.20	43.20	43.70
No. 10-P-1239	With leaded glass on one face side; reverse side panel doors.	34.15	36.20	36.70
No. 10-P-1244	One-half of Colonnade leaded doors on face and reverse sides; and other half panel doors on face and reverse side.	27.90	36.15	36.65
No. 10-P-1245	One-half of Colonnade leaded doors face side; (reverse side closed) other half panel doors and reverse side closed just as shown in illustration)	29.25	29.90	30.40
No. 10-P-1246	One-half of Colonnade leaded doors face side, panel doors reverse side; other half panel doors face side, and reverse side closed.		31.25	31.75
No. 10-P-1247	For changing leaded glass doors to plain D. S. A. glass on No. 10-P-1235, deduct.	\$ 5.50		
No. 10-P-1248	For changing leaded glass doors to plain D. S. A. glass on No. 10-P-1236, deduct.	11.40		
No. 10-P-1253	For changing leaded glass doors to plain D. S. A. glass on No. 10-P-1239, deduct.	5.50		
No. 10-P-1254	For changing leaded glass doors to plain D. S. A. glass on No. 10-P-1244, deduct.	5.50		
No. 10-P-1257	For changing leaded glass doors to plain D. S. A. glass on No. 10-P-1245, deduct.	2.75		
No. 10-P-1259	For changing leaded glass doors to plain D. S. A. glass on No. 10-P-1246, deduct.	2.75		

For every foot or fraction of a foot over 8 ft. 6 in. wide, add \$1.50

State if depth of thickness of pedestals are wanted 8, 10 or 12 inch, giving you either 6, 8 or 10 inch shelf space.

Elegant—Colonnades—Impressive

OUR DESIGNS ARE THE BEST ALWAYS



ROYAL
COLONNADE 10-H-1291. 10-H-1292

High Grade Material Fine Workmanship

The two designs of Colonnades shown on this page represent the most modern type of Cabinet Work. They are well proportioned and correct in every detail. Every part is an achievement from the Column to the smallest carving. Highly skilled mechanics are employed for the work, and each colonnade is thoroughly inspected before it is shipped.

The Pedestals below the columns are 7 inches square and the Paneled Wainscoting is 30 inches high from the floor to the top of the shelf and 17 inches wide from the jamb to the column. The fluted columns are 6 inches in diameter at the base and 5 inches in diameter at neck. The beams on the sides are 4 inches thick and drop 3 feet 8 inches from the bottom of the bracket.

Our "Royal" Colonnade is furnished in Clear Yellow Pine, Plain Red Oak, Quarter-Sawn Red Oak, Unsel. Birch and Clear Cypress.

ROYAL	Clear Yellow Pine	Plain Red Oak	Quarter-Sawn Red Oak	Unsel. Birch	Clear Cypress
10-H-1291 Any size up to and including 8 ft. wide by 8 ft. high.	\$31.50	\$31.95	\$35.75	\$31.75	\$31.95
10-H-1292 Any size up to and including 9 ft. wide by 9 ft. high.	32.00	32.50	36.50	32.25	32.50

For wider than 9 feet add \$1.50 extra for each additional foot. For higher than 9 feet add \$0.75 extra for each additional foot. If filled, shellaced and varnished, or stained Mahogany or Mission add \$5.00, net.

Special Note.—The above prices do not include jambs, casing, base blocks or cap trim. For such see preceding pages.

Quality and Character

Best Manufacture

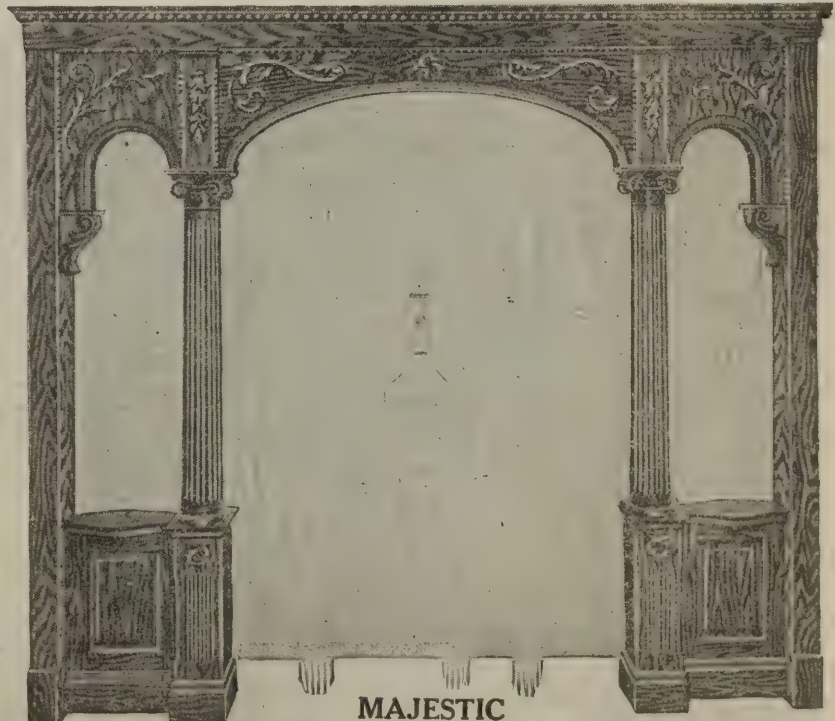
The lumber in these Colonnades is the best obtainable for the purpose and every piece is selected for its grain and color. The workmanship is of the very highest grade and every part is carefully examined before it is wrapped with paper and crated for shipment. If you have a blank opening between the rooms in your home fill it with one of these Colonnades and make a mansion out of your place of abode. Send us your order and see for yourself. Our extremely low prices bring these beautiful Colonnades within your reach.

Our "Majestic" Colonnade is furnished in the same woods as our Royal Colonnade. The Pedestals below the columns are 7 inches square and the fluted columns are 6 inches in diameter at base and 5 inches in diameter at neck. The thickness of the center arch is 4½ inches, while the depth is 6 inches. The drop on the sides is 34 inches.

MAJESTIC	Clear Yellow Pine	Plain Red Oak	Quarter-Sawn Red Oak	Unsel. Birch	Clear Cypress
10-H-1278 Any size up to and including 8 ft. wide by 8 ft. high	\$38.75	\$39.50	\$44.75	\$39.25	\$39.50
10-H-1279 Any size up to and including 9 ft. wide by 9 ft. high	39.75	40.50	45.75	40.25	40.50

For wider than 9 ft. add \$1.50 extra for each additional foot. For higher than 9 ft. add \$0.75 extra for each additional foot. If filled, shellaced and varnished, or stained Mahogany or Mission add \$6.00 net.

Special Note.—These prices do not include jambs, casing, base blocks or cap trim. See preceding pages.



MAJESTIC
COLONNADE 10-H-1278 10-H-1279

Superb Colonnades and Grilles

A pleasant surprise is awaiting those ordering any of our Colonnade or Grille Designs, because they are so well proportioned and so substantially built. Rich-looking, yet not gaudy. More ornamentation would spoil their effectiveness. They are impressive styles and will therefore mostly appeal to those of refined taste, but the price is not beyond the means of the modest purse, for would not anyone cheerfully expend a fair sum for a permanent piece of furniture?



Monarch Colonnade
Challenge Price . . . **\$18.65**

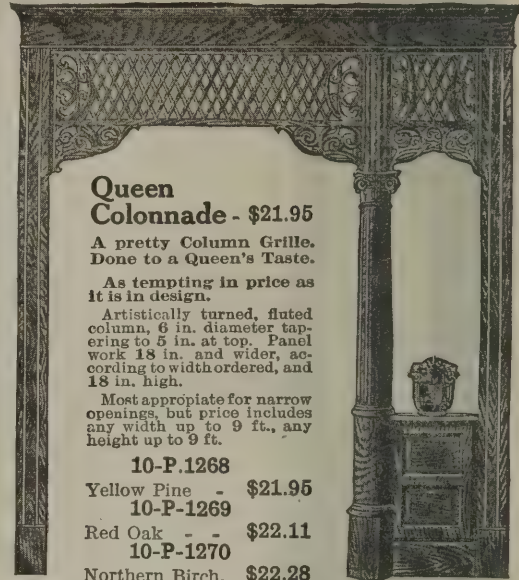
Combining Attractiveness in Design and Lowness of Price.

Pedestal base of columns, neat, octagon shape, with convex shaped shaft. Very fetching. Octagon base 8½ in., column 6 in., tapering to 5 in. Swell compo-carved cap, 6 in. high. Panel work 15 in. wide and 30 in. high. Price for any size up to 8 ft. 6 in. wide, 9 ft. high.

- 10-P-1251
- Yellow Pine . . . \$18.65
- 10-P-1262
- Red Oak . . . \$18.98
- 10-P-1263
- North. Birch . . \$19.09

All designs in this page shipped in the natural wood. Add 20 per cent to prices if a stained or natural varnished finish is wanted. Describe color if wanted stained to match other woodwork or send sample for us to match.

Jamb, side casings or head trimmings not included. Listed elsewhere in this book at low prices.



Queen Colonnade - \$21.95

A pretty Column Grille. Done to a Queen's Taste.

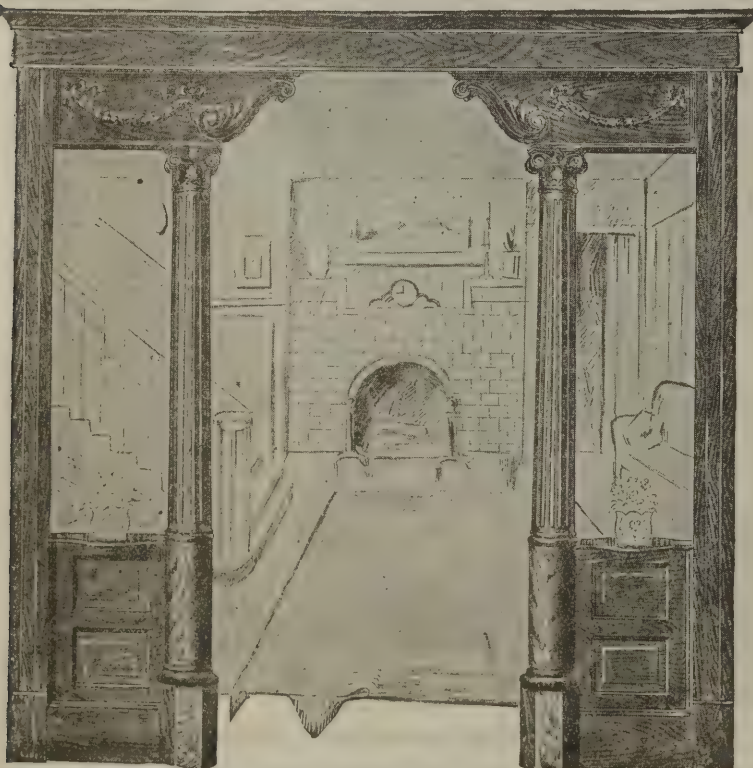
As tempting in price as it is in design.

Artistically turned, fluted column, 6 in. diameter tapering to 5 in. at top. Panel work 18 in. and wider, according to width ordered, and 18 in. high.

Most appropriate for narrow openings, but price includes any width up to 9 ft., any height up to 9 ft.

- 10-P-1268
- Yellow Pine . . . \$21.95
- 10-P-1269
- Red Oak . . . \$22.11
- 10-P-1270
- Northern Birch, \$22.28

PRINCESS COLONNADE



Matchless Value . . . \$23.65

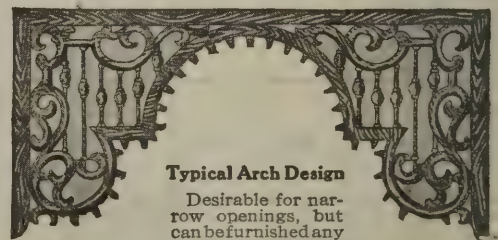
There is a certain fascination about some Colonnades that is difficult to define or describe accurately, therefore must be left to a certain extent to the imagination. At the same time, whatever you see in our Princess Colonnades is real, and you get the Colonnade proper exactly as illustrated and priced. This consists of the two Columns, Panel Work below and composition carved Beam Brackets at the top. This is all that is usually required, as nearly always the side casings and head trimmings have already been installed, but if wanted, we list a variety in catalogue.

The post or column shaft is a combination of fluted, smooth turned and octagon handiwork, 7½ ins. at the base, tapering to 5 ins. at the top. The ornamental composition caps are 6 ins. high; Beam brackets over cap extend 33 ins. from wall, 9 ins. high and 5 ins. thick on face or under side. Panel work is 15 ins. wide and 30 ins. high. Prices cover any width up to 8 ft. 6 in. and any height up to 9 ft.

- 10-P-1274. Yellow Pine . . . \$23.65
- 10-P-1275. Red Oak . . . 23.93
- 10-P-1276. Northern Birch . . . 24.04
- 40-P-1277. Southern Cypress . . . 24.15

Order by number, state kind of wood wanted, specify width and height and allow correct price

LITTLE DIAMOND GRILLE



Typical Arch Design

Desirable for narrow openings, but can be furnished any width. Extends 24

inches at sides. Same price for yellow pine, oak, birch or cypress.

10-G-1207.

- Price up to 3 ft. wide . . . \$2.55
- Price up to 4 ft. wide . . . 3.00
- Price up to 5 ft. wide . . . \$3.75
- Price up to 6 ft. wide . . . 4.50

Reduced
Prices

Buffets and Sideboards

For Serviceable Enjoyment or Profitable Investment

More real solid comfort and modern convenience is derived from a well-designed, strongly-built roomy Buffet than from any other article of furniture, no matter whether such article be displayed for mere show, or expressly acquired for service.

"North Shore" Buffet

The center section of our North Shore design Sideboard, consisting of the recess mirror and drawer part, is 16 inches deep; the two end sections, 12 inches deep. Note well the large size drawers and roomy shelf space. The doors are glazed, with double strength glass, set in strong leaded bars. Can be placed in any part of the room where most convenient, the same as any other piece of movable furniture.

Be careful to give exact correct size, if you want to build it into an offset in the wall, which should not be over 12 inches deep. Note that the mirror sets back against the wall, the same as on a regular sideboard. Shipped complete as shown. Ready to set in place. No hardware is included; same should be selected from our Hardware [pages to match your other hardware.

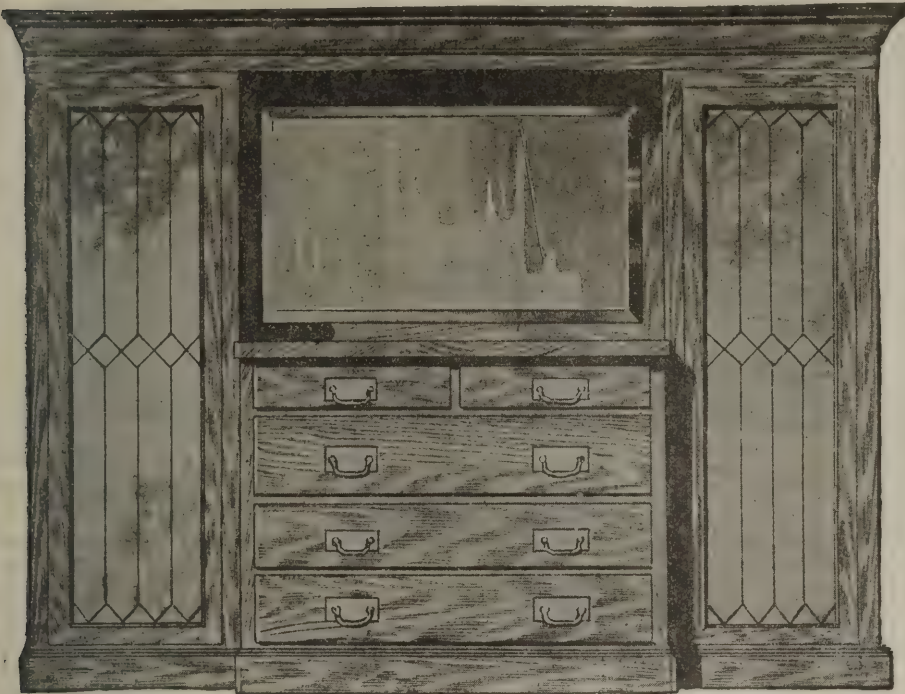
Prices with leaded crystal glass, design as shown in Doors and Bevel Plate Glass Mirror.

"North Shore" Buffet Number.	Sizes.	Wood	Price
No. 10-P-712	4 ft. x 5 ft. 6 in.	Yellow Pine	\$36.65
No. 10-P-713	5 ft. x 5 ft. 6 in.	Yellow Pine	36.00
No. 10-P-714	6 ft. x 5 ft. 6 in.	Yellow Pine	36.40
No. 10-P-715	4 ft. x 5 ft. 6 in.	Red Oak	35.80
No. 10-P-718	5 ft. x 5 ft. 6 in.	Red Oak	35.25
No. 10-P-719	6 ft. x 5 ft. 6 in.	Red Oak	35.45
No. 10-P-720	4 ft. x 5 ft. 6 in.	Northern Birch	35.95
No. 10-P-721	5 ft. x 5 ft. 6 in.	Northern Birch	35.35
No. 10-P-722	6 ft. x 5 ft. 6 in.	Northern Birch	35.60

Prices with Plain Glass in Doors (one pane only) and Plain Plate Mirror, instead bevel.

"North Shore" Buffet Number	Size	Wood	Price
No. 10-P-723	4 ft. x 5 ft. 6 in.	Yellow Pine	\$33.75
No. 10-P-724	5 ft. x 5 ft. 6 in.	Yellow Pine	33.95
No. 10-P-725	6 ft. x 5 ft. 6 in.	Yellow Pine	34.20
No. 10-P-726	4 ft. x 5 ft. 6 in.	Red Oak	33.95
No. 10-P-727	5 ft. x 5 ft. 6 in.	Red Oak	34.15
No. 10-P-728	6 ft. x 5 ft. 6 in.	Red Oak	34.45
No. 10-P-729	4 ft. x 5 ft. 6 in.	Northern Birch	34.10
No. 10-P-738	5 ft. x 5 ft. 6 in.	Northern Birch	34.50
No. 10-P-739	6 ft. x 5 ft. 6 in.	Northern Birch	34.65

For every foot, or fraction of a foot over six feet in width, add \$3.00. Intermediate sizes same prices as next larger listed size.



"NORTH SHORE" SIDEBOARD

"Belmont" Buffet

Have you longed for a Sideboard of conspicuous proportion, built and designed on a plan to compare agreeably with your other fixtures? Then your desires can be gratified by the ownership of our "Belmont Buffet." Your expectations will be more than realized, because it is bound to impart that final polished-finishing touch (call it character, elegance, dignity or what you will) that so often is lacking in such homes where a spirit of reserved refinement rules and modest taste predominates.

Purposely designed so it can be installed in any new or old time residence, and while it affects the mission style, it will appear to advantage amongst any surroundings. Can be placed in a recess or offset in wall, or any place flat against the wall. Glass shown in the four doors above the mirror and the two side doors below is crystal quality, set in neat, narrow metal bars.

The highly polished beveled mirror is set back, providing for a large display space. Unique are the peaked openings between the upper and lower doors. Center part below mirror is 16 inches deep, balance and sides 12 inches. Workmanship beyond criticism. Made any size, but looks best when the width exceeds the height by about one foot.

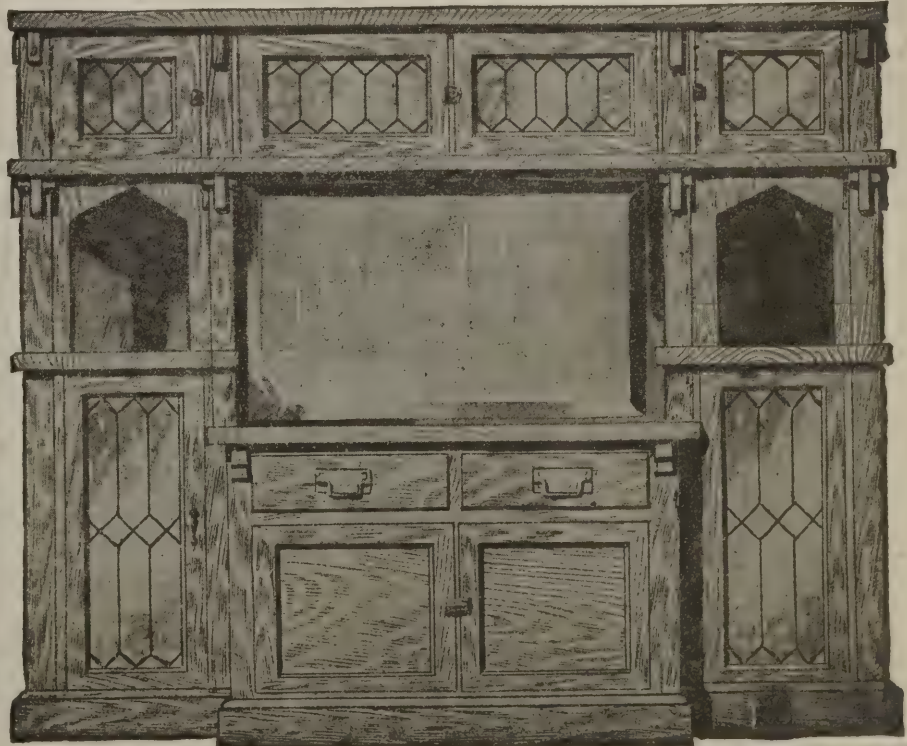
No hardware is included, same should be selected from our Hardware pages to match your other hardware.

Price covers any size up to seven feet wide by seven feet high. Hardware not included, otherwise furnished exactly as shown.

No. 10-P-745.	Yellow Pine	\$56.50
Price.....		
No. 10-P-747.	Red Oak	58.00
Price.....		
No. 10-P-749.	Northern Birch	59.50
Price.....		

By using clear, plain glass in the doors, one pane only, and plain plate mirror instead of beveled, deduct \$6.50

For every foot or fraction of a foot over 7 ft. in width add \$3.00



"BELMONT" BUFFET

Built-In Cabinets—Sideboards

OUR china closets and side-boards are durably constructed with heavy ceiling back and the sides of smooth lumber. They are made 14 inches deep to set into recess in wall or can be made to extend out into the room with the sides as well as the front part exposed just as ordered. All furnished complete as shown and quoted, including the trim, such as the moulded side casing, fancy base blocks and the 3 members of Cap trim but no hardware. Same should be selected from our hardware pages to match your other hardware.



AVONDALE

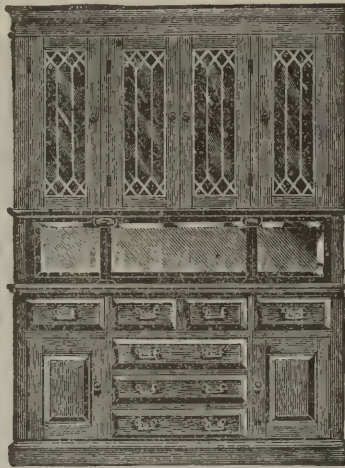
Our Avondale Combination China Closet and Sideboard has large drawers and ample shelf space. Furnished with or without mirror.

PRICES (without Mirror)

No.	Width Height	Yellow Pine	Birch	Oak
10-E-700	4'0" x 6'8"	\$18.19	\$20.75	\$20.75
10-E-701	4'0" x 7'0"	20.25	21.75	21.75
10-E-702	5'0" x 6'8"	21.75	22.50	22.50
10-E-703	5'0" x 7'0"	22.00	22.75	22.75
10-E-704	5'6" x 6'8"	22.50	24.75	24.75
10-E-705	5'6" x 7'0"	22.75	25.00	25.00
10-E-706	6'0" x 7'0"	26.25	27.75	27.75

If to extend into the room with sides exposed add \$1.50 for Yellow Pine and \$2.25 for Oak or Birch. With plain plate glass Mirror, add 20 per cent to above prices.

For sizes larger than here listed, send us dimensions for our quotations. All intermediate sizes take the price for the next largest size here quoted. For prices and description of appropriate designs in fine Cabinet Hardware consult illustrated pages of hardware section.



RAVENSWOOD

This beautiful China Closet and Sideboard combined is furnished with 4 leaded Crystal glass Doors and wide polished plate Mirror.

PRICES

No.	Width Height	Yellow Pine	Birch	Oak
10-E-800	5'0" x 7'0"	\$39.00	\$42.00	\$42.00
10-E-803	6'0" x 7'0"	41.25	43.50	43.50
10-E-806	7'0" x 7'0"	43.50	46.50	46.50
10-E-809	8'0" x 7'0"	45.00	48.75	48.75

For plain glass in the Doors instead of leaded Crystal deduct 10 per cent.

If to extend into room with the sides exposed the same as in front, add \$1.50 for Yellow Pine and \$2.00 for Oak or Birch.



WAKEFORD

We furnish the Wakeford with 2 Mirrors of polished plate glass and clear glass Doors.

Note—The small top mirror sets back into the case same as the large lower Mirror.

PRICES

No.	Width Height	Yellow Pine	Birch	Oak
10-E-780	5'0" x 7'0"	\$39.75	\$42.75	\$42.75
10-E-781	5'6" x 7'0"	42.00	44.25	44.25
10-E-782	6'0" x 7'0"	45.00	48.75	48.75
10-E-785	7'0" x 7'0"	48.75	51.75	51.75
10-E-788	8'0" x 7'0"	52.50	56.25	56.25

If wanted to extend into the room with exposed sides, add \$1.50 for Yellow Pine and \$2.25 for Oak or Birch.



ELMHURST

\$17²⁵

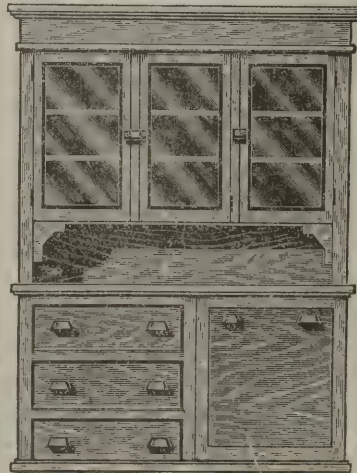
For this handy Cupboard

Our Elmhurst design is furnished with doors glazed clear glass as illustrated. All face lumber is the best of selected clear stock. Made to order in Yellow Pine, Oak or Birch. This design affords large drawer and shelf display and is especially desirable for a Kitchen Case.

PRICES

No.	Width Height	Yellow Pine	Birch	Oak
10-E-730	3'0" x 6'8"	\$17.25	\$18.75	\$18.75
10-E-731	3'0" x 7'0"	17.50	19.00	19.00
10-E-732	3'6" x 6'8"	18.75	20.25	20.25
10-E-733	3'6" x 7'0"	19.00	20.50	20.50
10-E-734	4'0" x 6'8"	20.25	21.00	21.00
10-E-735	4'0" x 7'0"	20.50	21.25	21.25

If to extend into the room with the sides exposed, instead of setting in recess in wall, add \$1.50 for Yellow Pine and \$2.25 for Oak or Birch.



ELGIN

**WITH
FLOUR
BIN**

Our Elgin Combination China Closet and Kitchen Case fills a long felt want. Above is plenty of shelf room for china, 3 large glass doors. Below, a large open shelf, flour bin and 3 drawers.

PRICES

No.	Width Height	Yellow Pine	Birch	Oak
10-H-744	3'6" x 6'8"	\$22.70	\$25.00	\$25.00
10-H-745	3'6" x 7'0"	23.20	25.50	25.50
10-H-746	4'0" x 6'8"	23.70	26.00	26.00
10-H-747	4'0" x 7'0"	24.20	26.50	26.50
10-H-748	5'0" x 7'0"	24.75	27.50	27.50
10-H-749	6'0" x 7'0"	25.25	28.00	28.00

If furnished with sides to extend into room instead of setting in wall recess, add \$1.50 for Yellow Pine, \$2.25 for Oak or Birch.



AURORA

For a truly handsome China Closet with beautiful leaded Crystal Glass Doors and polished Plate French Mirror as illustrated.

Our Aurora China Closet is positively one of the very best values ever put on the market. Well made in every particular and a fitting ornament to the dining room.

PRICES

No.	Width Height	Yellow Pine	Birch	Oak
10-E-756	3'0" x 7'0"	\$24.75	\$26.25	\$26.25
10-E-757	3'6" x 7'0"	26.25	27.75	27.75
10-E-758	4'0" x 7'0"	27.75	29.25	29.25
10-E-759	4'6" x 7'0"	29.25	30.75	30.75
10-E-760	5'0" x 7'0"	30.00	33.75	33.75
10-E-761	6'0" x 7'0"	33.75	36.75	36.75

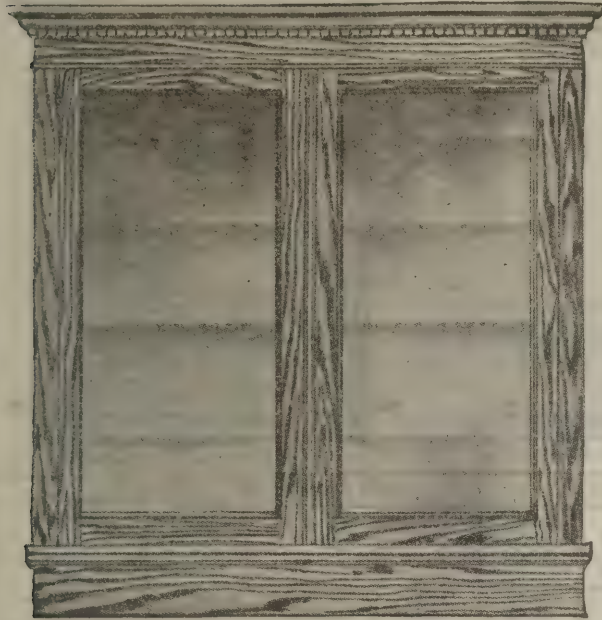
If plain glass is wanted in doors instead of leaded crystal glass, deduct 10 per cent.

If to extend into the room with sides exposed, add \$1.50 extra for Y. P. and \$2.25 for Oak or Birch.

80 Can also furnish these Handsome Cabinets in Beautiful Oregon Fir. Write for prices. **HARRIS BROTHERS COMPANY** 35th and Iron Sts., Chicago

Book Cases—Consoles

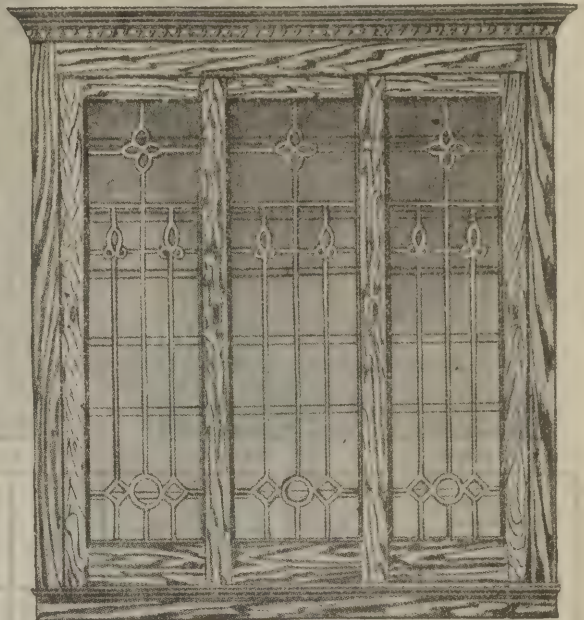
Fine Cabinet Work Delights The Eye.



No home is complete without a Bookcase. The two designs we are offering are neat, economical and very attractive. They are made to order in Clear Yellow Pine, Oak or Unselected Birch in the white (not stained, but ready to finish). Glazed as illustrated. Bookcase shown at left is glazed with Clear Double Strength "A" Glass and Bookcase at right is glazed with Artistic Leaded Crystal.

For Oil, Varnish or Stain Finish, add 20% extra.

No Hardware Included.

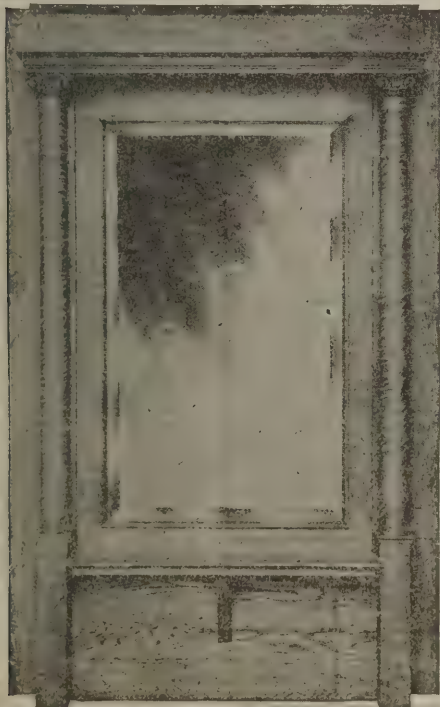


ECONOMY

Can Furnish Complete With Hardware. Write for Prices.

BEAUTY

ECONOMY No.	SIZE			Yellow Pine	Oak or Birch	BEAUTY No.	SIZE			Yellow Pine	Oak or Birch			
	Ft.	In.	Ft. In.				Ft.	In.	Ft. In.					
10-H-771	3'0"	x	4'0"	14 inches deep	\$14.30		10-H-787	3'0"	x	4'0"	14 inches deep	\$22.90		\$23.63
10-H-772	3'0"	x	4'6"	14 inches deep	14.70	\$15.35	10-H-791	3'0"	x	4'6"	14 inches deep	23.60		24.30
10-H-773	3'0"	x	5'0"	14 inches deep	15.00	15.70	10-H-792	3'0"	x	5'0"	14 inches deep	24.30		25.10
10-H-776	3'6"	x	4'6"	14 inches deep	15.40	16.10	10-H-794	3'6"	x	4'6"	14 inches deep	24.40		25.20
10-H-777	3'6"	x	5'0"	14 inches deep	15.75	16.50	10-H-795	3'6"	x	5'0"	14 inches deep	25.00		25.80
10-H-778	4'0"	x	4'6"	14 inches deep	16.45	17.15	10-H-798	4'0"	x	4'6"	14 inches deep	25.10		26.40
10-H-779	4'0"	x	5'0"	14 inches deep	17.20	17.90	10-H-799	4'0"	x	5'0"	14 inches deep	25.75		26.50



Console No. 10-F-6441.

\$19⁹⁸

A greatly reduced price on this handsome Console, mirror not included (see prices below, plain or beveled plate.) Any one with an eye for the beautiful will appreciate this Console. It has a style all its own. Furnished regularly in oak; built of solid wood, except the columns, which are veneered with genuine Quartered Oak. Exceptionally well finished; rubbed and piano polished. Height, 36 inches; width, 54 inches. Mirror opening, 30x50 inches. Veneered columns, diameter 3 3/4 inches.

PRICE

Oak Console No. 10-P-6441. Not including mirror..... **\$19.98**

Plain Plate Mirror, extra..... **\$9.85**

Beveled Plate Mirror (as illustrated), extra..... **\$11.05**

Birch, Mahogany finish, extra..... **\$1.50**

\$39⁶⁰

The very latest creation in the line of Combination Bookcase and Console. Artistic and substantial, being strictly Mission in Style. Furnished in Clear Yellow Pine, Plain Red Oak, Unselected Birch and Quarter Sawn Red Oak in the white (not stained) but ready to finish). Glazed with Highly Polished French Plate Mirror.

Size 5 feet wide by 7 feet 2 inches high, with Plain Plate Mirror 30x50 inches. Doors glazed with Leaded Colored Art Glass 8x46 inches. Book Case 12 inches wide, 9 inches deep.

Hardware Included

PRICES

No. 10-P-801, Clear Y. P. **\$39.60**

No. 10-P-802, Plain Red Oak or Birch..... **\$40.15**

No. 10-P-804, Quarter Sawn Red Oak..... **\$41.25**

For Bevel Plate Mirror, add **\$1.50** to above prices.

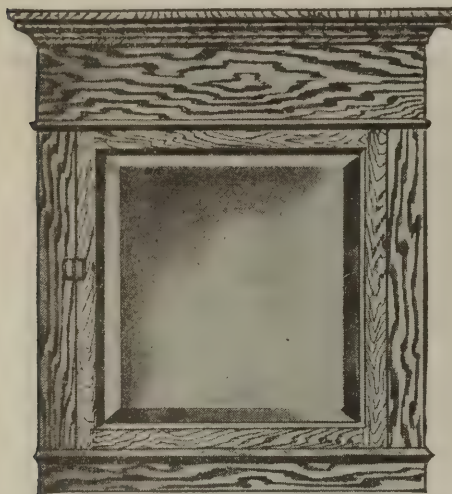


Combination Book Case and Console.

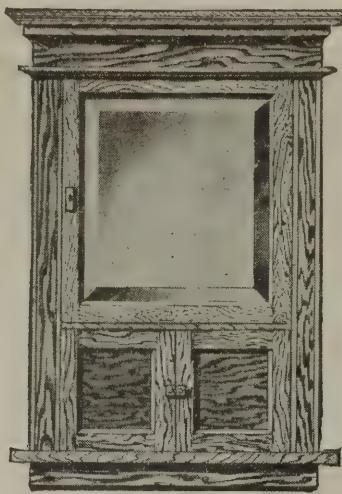
HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago

We make Special Book Cases and Consoles. Send us your sketches. 81

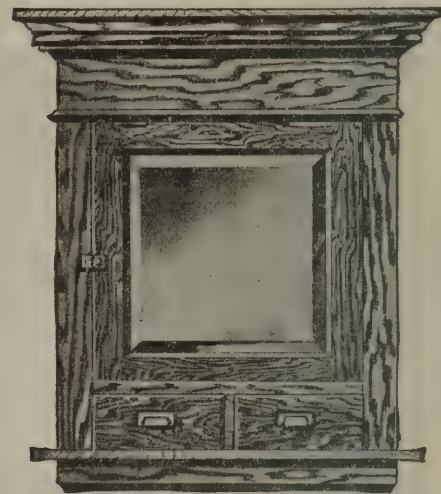
Cabinets, Cupboards and Hall Tree



10-H-851



10-H-887



10-H-889

10-H-890

A Choice Selection of Medicine Cabinets	No.	Opening to be Left in Wall	Size of Door	Size of Mirror	YELLOW PINE			OAK OR BIRCH			Hardware Not Included. See Hardware Section of this Book.
					D. S. Mirror	Plate Mirror Not Beveled	Beveled Plate Mirror as Shown	D. S. Mirror	Plate Mirror Not Beveled	Beveled Plate Mirror as Shown	
Size in this Table Given in Inches	10-H-851	20 x 24	18 x 22	14 x 18	\$3.93	\$4.43	\$4.70	\$4.50	\$4.95	\$5.28	
	10-H-855	22 x 30	20 x 28	16 x 24	4.50	5.31	5.63	5.22	5.97	6.35	
	10-H-887	20 x 39	18 x 22	14 x 18	5.29	5.79	6.06	5.39	5.89	6.16	
	10-H-888	22 x 45	20 x 28	16 x 24	5.43	6.23	6.56	5.53	6.33	6.66	
	10-H-889	20 x 30	18 x 22	14 x 18	5.65	6.15	6.42	5.75	6.25	6.52	
	10-H-890	22 x 36	20 x 25	16 x 20	5.79	6.59	6.92	5.89	6.69	6.95	

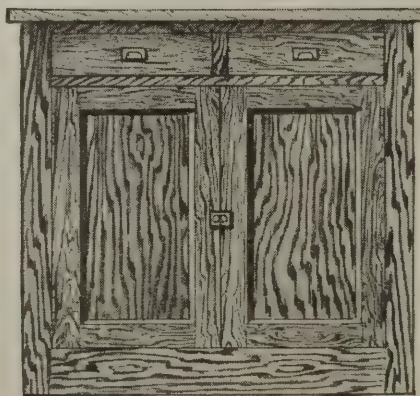
Depth over all front to back 5 1/4 inches for 2x4 studs.



Combination Hall Tree and Console

10-H-805 Hall Tree and Console Combined. Size 3 ft. 6 in. by 7 ft. Size of mirror, 22 in. by 48 in. With Beveled Plate Mirror and Hardware as shown make a handsome ornament for the reception hall. It is an artistic design and correctly proportioned throughout; stands 7 ft. high and has wide shelf below; 48 in. mirror. Comes ready to set in place with ornamental bronze finished coat and hat hooks included as shown. Furnished in the White (not stained or painted). If wanted Oiled and Varnished, add \$3.00.

SOMETHING NEW. COMBINATION BATH ROOM CABINET AND MEDICINE CASE
The latest Cabinet of its kind on the market. One small and four large drawers, Medicine Cabinet Section 5 1/4" deep. Drawer Section projects 7" from wall and is 12" to 14" deep over all.



PANTRY CUPBOARDS

Furnished as shown or with Panel Doors only. Height, 2 ft. 10 in. Depth 14 to 16 inches.

No.	Ft. In. Ft. In.	Prices for Cupboard as shown in cut		Prices with 2 Doors, 3 Shelves, no Drawers	
		Yellow Pine	Oak or Birch	Yellow Pine	Oak or Birch
10-H-908	3-0 x 2-10	\$5.75	\$6.75	\$5.00	\$6.05
10-H-909	3-6 x 2-10	5.85	6.85	5.10	6.15
10-H-910	4-0 x 2-10	6.45	7.50	5.70	6.80
10-H-911	4-6 x 2-10	6.55	7.60	5.80	6.90

Hardware Not Included.



10-H-891

Size 1 ft. 6 in. by 6 ft. Beveled Plate Mirror. With 5 Drawers as shown. Yellow Pine \$12.75 Oak or Birch \$13.65

PRICES: 10-H-805. Yellow Pine... \$18.50
10-H-805A. Oak or Birch... 19.00

Mantels for the Home Beautiful

Fire Place Fixtures In the following pages, we illustrate and describe a complete line of dependable fire-place fixtures. We believe in giving you an article that is absolutely dependable, at the lowest direct-to-you, one-small profit price. The goods themselves will prove this, as well as the saving.

Art Glazed Tile also illustrated in the following pages with full information as to how to order. All first quality—no seconds—absolutely guaranteed.

STONE or brick mantel cannot find its proper place in a room in which it is the only material of its kind used, and it is out of harmony with the rest of the decorations. The mantel should really harmonize with its surroundings, its lines as well as its structural material, should be made as nearly as possible in accordance with the general style of the room. The importance of the wood mantel in furnishing the home cannot be over-estimated. A badly designed piece of furniture can easily be removed, but the mantel cannot be; hence the importance of your selection.

A few years ago, in some sections of the country, a sentiment gained ground that fireplaces were not needed, as most houses contained different kinds of furnaces, which supplied the want, and some people being quick to adopt new suggestions, commenced to eliminate fire-places and chimneys from their homes. However, if anyone doubts that this was a mistake, ask any one of your neighbors who have built a house without a fire-place, and they will tell you it was the saddest mistake in the building of their home.

The fireplace is the heart of the home—the center of every interesting thing that happens—where sentiment reigns supreme. The father, mother, and children all gather around it evenings, and it is made a centre for the family,—but the furnace! Who ever invited the faithful few of his friends about him and bade them make merry over a register? Did you ever hear of a laughing, loving family gathered around a radiator?

Gather your family around an open fire-place and life begins to look reasonable;—a sweet serenity fills your soul, and an unworldly comfort pervades the marrow of your bones.

Our designs include the different period styles. We can furnish them in the natural wood, without stain or varnish. Our stock woods are *Birch, Mahogany, Quartered Oak, Plain Oak*. Mantels are carried in stock, and ordinarily can be furnished promptly. Mission Mantels are finished in all the popular Mission colors, such as Early English, Weathered, and Fumed, and the designs harmonize with the best Mission furniture made. Mantels quoted in Oak and Mahogany are carried in stock finished in Golden Oak and regular Mahogany, Rubbed Piano Polish and so shipped unless otherwise ordered.

Mantels can also be furnished **painted three coats white**, without extra charge, so that you may have same white enameled after setting it up in your house, as it is impossible to ship white enameled mantels without damage. Extra charge and special quotation will be made for mantels wanted in other woods than those specified under each mantel, and also for different sizes.

Our Guarantee Remember!—there is as much difference in Guarantees as there is in Mantels. Our line is sold under a Guarantee that covers every point,—material, construction, newness of design, finish and safe delivery. If same is found not as represented, notify us and it will be your privilege to return the goods at our expense, so you are safe. We feel equally safe, as nothing but the most unfortunate combination of circumstances could result in defective goods leaving our factory.

PRICES quoted herein are net for the goods—free on board cars at factory. These are our lowest factory prices.

\$895

Refinement and Style in This Mantel Predominate

Quartered Oak. Birch Mahogany. 5 ft. high. 5 ft. wide. Tile opening, 42x42 in. Profile, 3 1/4 in. Polished Piano Finish.

We believe you will agree that we have succeeded in getting an elegant refinement and style into a mantel of this character.

You will notice the plain elegant lines along which this mantel was built. Absolutely selected figure throughout. This mantel is one that you will never be ashamed of, no matter where you use it, and if you are going to use a Base in any of your rooms you will do well to consider this one.

Remember,—we can furnish this in Mahogany as well as Quartered Oak. No. 10G821 MANTEL—woodwork only. Price \$8.95

Specify Oak or Birch Mahogany



\$2498

The Most Popular Design Ever Made

Quartered Oak. Birch Mahogany. Large 18 x 36 in. French bevel plate mirror. 7 ft. long. 5 ft. wide. Tile opening, 42 in. wide by 39 in. high. Profile, 3 1/4 in. Polished Piano Finish.

This is a design that has been unsuccessfully copied by practically every mantel manufacturer, and to-day it still stands supreme as our pattern. Appropriate for most any house, and equally adaptable to any room.

While of no particular class of architecture, the genuine simplicity immediately catches the eye.

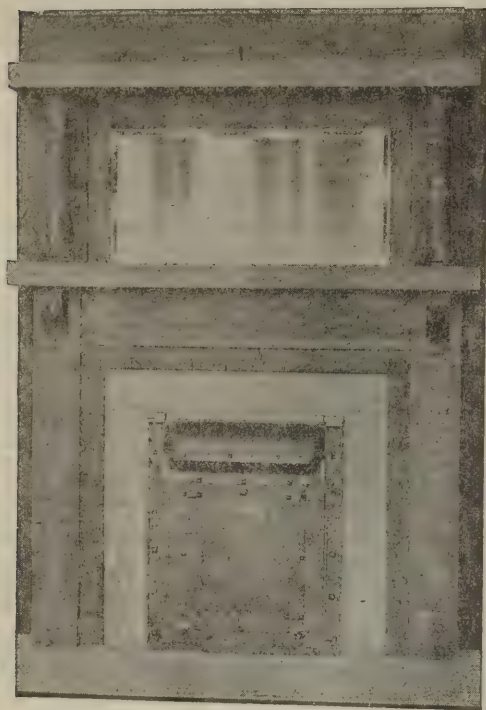
The rising pedestals on either side joined at the breast by the deep swelled shelf has an effect that is incomparable. The mirror running to the shelf reflects all ornaments placed thereon.

Can furnish in either wood,—**Quartered Oak or Mahogany No. 10G820 MANTEL—woodwork and mantel only—\$24.98**

Specify Oak or Birch Mahogany



MANTELS—Make the Home More Attractive



\$14⁷⁵

**A Lot
For The
Money**

Selected Oak or Birch Mahogany.
Two different size mirrors.
7 ft. high, 57 to 60 in. wide.
Tile opening, 36 x36 or 42x39 in.
Projection, 3 3/4 in.
Royal Gloss Finish.

One of the largest low priced mantels we make.

Designed especially for those who want a large mantel at a small price.

Workmanship, finish, and general character, are the same as our best Mantels.

The box fronts, columns and brackets under lower shelf are all genuine quartered oak. Will fit into any room nicely.

SIZE OF MIRROR

No. 10G837 MANTEL—woodwork and mirror only, 16x28 **\$14.75**
No. 10G838 MANTEL—woodwork and mirror only, 18x36 **\$16.00**

Specify Oak or Birch Mahogany

\$13⁵⁰

**An Unusually
Attractive
Design**

Selected Oak only.

Three different size mirrors.
6 ft. 4 in. high, 54 to 60 in. wide.

Tile opening, 36 x36 in.

Profile, 3 3/4 in.
Royal Gloss Finish.

We do not believe this attractive mantel can be duplicated anywhere in the country.

The construction and finish are the best and the proportions are perfect.

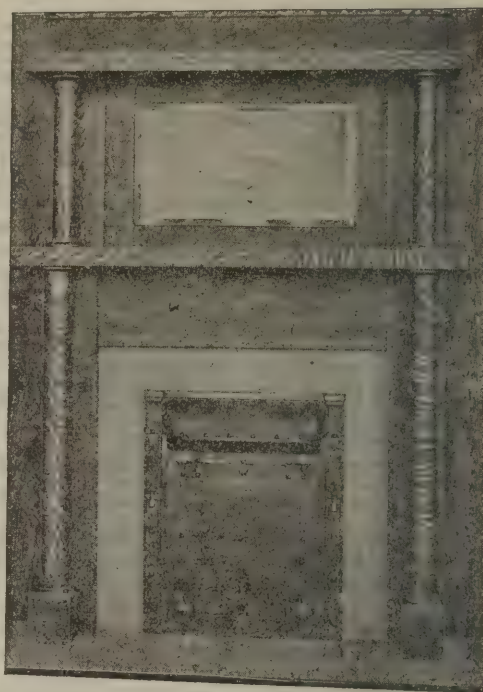
You will note the full Quartered Oak Columns and shelf fronts.

For a cottage it is a mantel that should certainly not be passed by.

SIZE OF MIRROR

No. 10G839 Mantel—woodwork and mirror only, 14x24 **\$13.50**
No. 10G840 Mantel—woodwork and mirror only, 16x28 **\$14.50**
No. 10G841 Mantel—woodwork and mirror only, 18x36 **\$16.00**

OAK ONLY



\$10⁹⁰

**Low-Priced—
Splendid
Proportions**

Selected Oak only.

14x24 in. French bevel plate mirror.
6 ft. 2 in. high, 54 to 60 in. wide.

Tile opening, 36 x36 in.

Projection, 3 3/4 in.
Royal Gloss Finish.

Of unusually good proportions, one of the lowest priced cabinet mantels made.

The same cabinet makers who make our very highest priced mantels make this one, and the same care and skill is used as in our best designs. It is a mantel that can be used anywhere. You will make no mistake in buying it.

No. 10H842 MANTEL—woodwork and mirror only **\$10.90**
OAK ONLY

\$9⁹⁰

**Lowest Priced
Cabinet Mantel
Made**

Selected Oak only.

14x24 in. French bevel plate mirror.
6 ft. 2 in. high, 48 to 54 in. wide.

Tile opening, 36 x36 in.

Projection, 3 3/4 in.
Royal Gloss Finish.

First class in every respect.

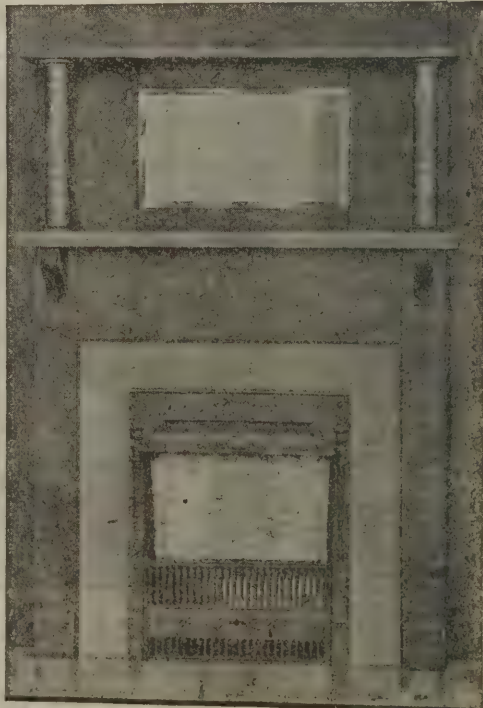
This mantel is sold on a closer margin than any other cabinet mantel made which contains a mirror.

The columns are Quartered Oak. The shelves are nice and wide.

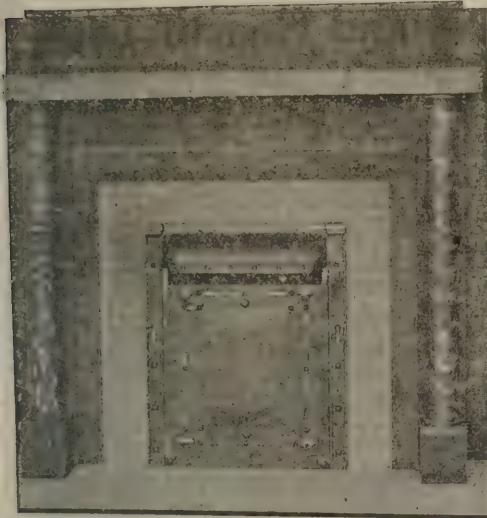
The rough lumber in this mantel is worth the price we are asking for it made and finished.

Also furnished with flat jambs—no profile—without extra cost.

No. 10H843 MANTEL—woodwork and mirror only **\$9.90**
OAK ONLY



MANTELS—NO EXCUSE FOR NOT Having at These Low Prices



\$7⁷⁵

**An Elegant
Medium-Priced
Base**

Selected Oak or
Birch Mahogany.
57 in. high.
57 to 60 in. wide.
36x36 in. or 42x
39 in. tile opening.
Projection, 3 $\frac{3}{4}$ in.
Royal Gloss finish.

One of the
best of its kind
made.

It is large—
made in both
selected Oak,
with Quartered
Oak columns

and shelf front, and in Birch Mahogany, and finished in best
Royal Gloss finish.

It is one that you will be proud of, wherever it is put.
Consider it very carefully.

10G844 MANTEL—woodwork only, price, Oak -----**\$7.75**

10G845 MANTEL—woodwork only, price, Mahogany ----**\$8.25**

Specify Oak or Mahogany

\$6⁹²

**Same Design as
No. 844—
Lower Price**

Solid Oak or Birch
Mahogany.
56 in. high.
56 to 60 in. wide.
Tile opening, 36x
36 in.
Projection, 3 $\frac{3}{4}$ in.
Royal Gloss finish.

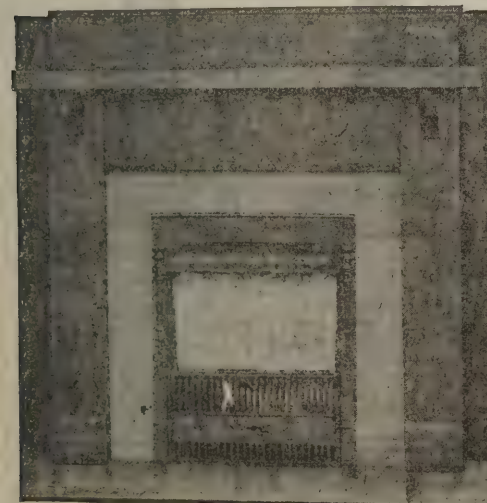
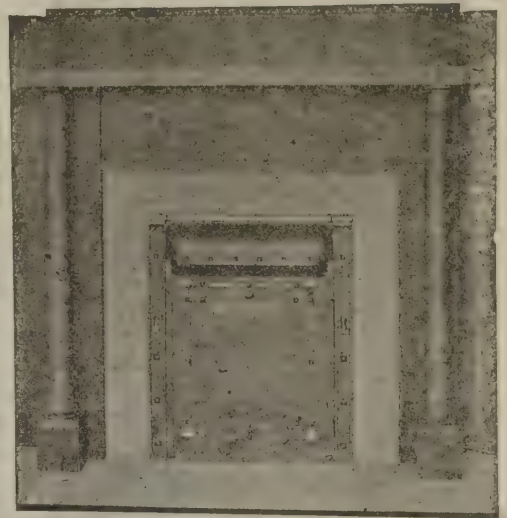
Feeling that
some of our
trade will want
a lower priced
mantel than our
No. 844, we have
gotten up the
above design
with an idea of construction so that we can sell a lot of them,
and make them up in large quantities—hence the low price.

The columns are strictly Quartered Oak—the Mantel well
proportioned, and one of the Mantels we sell practically at cost.

10G846 MANTEL—woodwork only, price, Oak -----**\$6.92**

10G847 MANTEL—woodwork only, price, Mahogany ----**\$7.50**

Specify Oak or Mahogany



\$4⁰⁰

**Artistic and
Neat**

Selected Oak or
Birch Mahogany.
56 in. high.
56 to 60 in. wide.
Tile opening, 36x
36 in. or 42x36 in.
Projection, 3 $\frac{3}{4}$ in.
Royal Gloss finish.

This pattern
is somewhat
similar to others
shown, except
the broad stiles
in front, rather
than the use of
the column or
pilaster.

Neat, attractive looking, and the price is very low. It should
certainly not be missed from one of your bed rooms.

This Mantel can also be furnished with flat jambs—no pro-
file—without additional cost.

10G848 MANTEL—woodwork only, price, Oak -----**\$4.00**

10G849 MANTEL—woodwork only, price, Mahogany ----**\$4.50**

Specify Oak or Mahogany

REMEMBER: All our mantels including the above can be furnished
in the white just as they come from the final sand-
papering—no varnish or stain—so you can finish them to match your
interior finished woodwork.

\$2⁹⁸

**A Less-Than-
Cost
Mantel**

Selected Oak only.
48 in. high.
48 to 54 in. wide.
Projection, 3 $\frac{3}{4}$ in.
Royal Gloss finish.

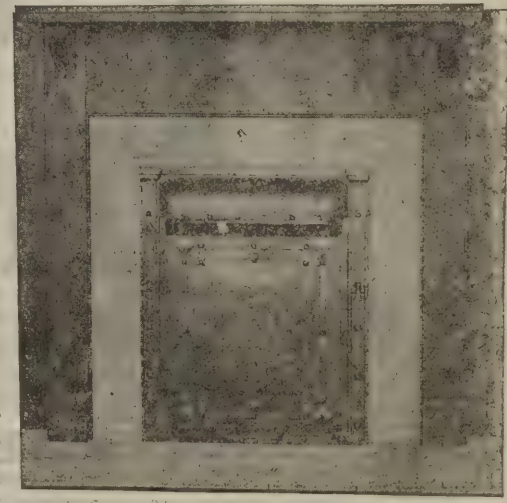
On account of
the severe com-
petition we have
had on a small
base of this
character, our
factory has
adopted the
principle of cut-
ting these out

in numerous quantities, reducing our cost of them to a mini-
mum, and then, without charging up any selling expenses,
we are offering them to our trade at factory cost.

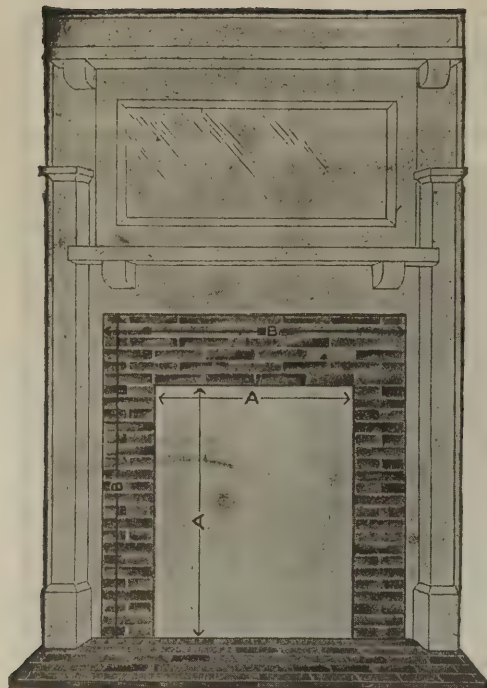
The price is so ridiculously low that no argument as to the
value is necessary. This Mantel can be furnished with flat
jambs—no profile—without additional cost.

10G850 MANTEL—woodwork only, price -----**\$2.98**

OAK ONLY



CAUTION: We do not believe in the cheapest fire place fixture—
but in a dependable article that will satisfy you and
prove a bargain long after the original cost has been forgotten.



TILE-ANDIRONS

Glazed Art Mantel and Hearth Tile

Glazed Tile is positively the only kind that can be kept perfectly clean.
No trouble at all to keep spotless and bright.

Every piece of our Enameled Art Mantel Tile is guaranteed flawless in quality and perfectly manufactured. These are the essentials that ensure permanency and when you have your mantel faced and your hearth laid with our strong, durable vitreous Art Tile, you have not only added beauty to your home, but you have also built for all time to come.

All of the most desirable colors—Ivory, Cream, Green, Brown, Delft Blue and Mottled Onyx in various shades. The glazing of our tile is an exceptionally brilliant hard enamel. The colors are literally burned in and it is impossible for the tints or shades to fade, discolor or tarnish.

Our Enameled Art Tile makes the best sanitary hearth and mantel facings and our low prices put this high grade material within the reach of the smallest purse. Low in price but not "cheap." We have not sacrificed quality for price. Quality first and the price as low as is consistent—that's our motto. There are some inferior tilings on the market of the "cheap" variety, manufactured from poor quality of clay and with a finish which cannot be guaranteed. Such a tile will not stand the test of wear and hard usage.

The size of each piece is 6x1½ inches. In barrel lots, special prices will be made.

Explanation How to Order

"A" to "A" shown on the opposite illustration is the "Grate Opening" measurement.

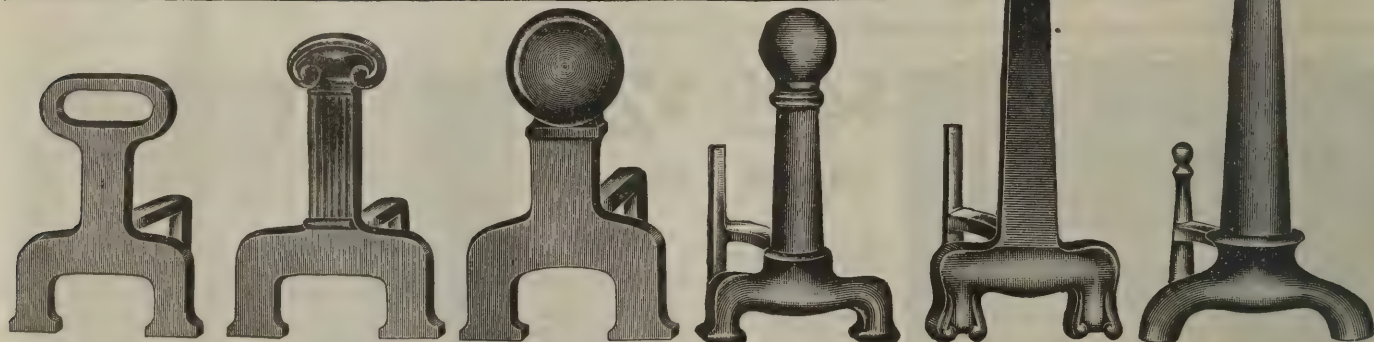
"B" to "B" is the Mantel "Tile Opening" measurement.

The first thing to do is to select the Mantel, then select the Grate, then see the size of the tile opening of the mantel as well as the size of the grate opening of the grate, and in ordering your tile, be sure that you allow sufficient to cover the proper opening. If Summer Front is not included in the grate and you desire it, allow the amount charged extra.

For instance, we will assume that you select Mantel No. 10-E-5061, tile opening 42x39 and that you select the smallest size Mephisto Grate Outfit No. 1-E-1354, the size which will fit into a grate opening 24x30½. You will thus require the largest amount of tile, as the mantel tile opening is the largest that is made and the grate opening is the smallest, leaving a large space to be filled with tile. You would, therefore, require our No. 10-E-1608 for tile opening 42x39, grate opening 24x30½, amounting to \$7.49.

Number.	Size of tile opening of Mantel.	Size of Grate opening.	Size of Hearth	Price.	Weight.
10-E-1603	36"x36"	30½"x30½"	60"x18"	\$5.49	58 Lbs.
10-E-1604	36"x36"	24½"x30½"	60"x18"	5.90	60 Lbs.
10-E-1605	36"x39"	30½"x30½"	60"x18"	5.80	61 Lbs.
10-E-1606	36"x39"	24½"x30½"	60"x18"	6.90	63 Lbs.
10-E-1607	42"x39"	30½"x30½"	60"x18"	6.99	66 Lbs.
10-E-1608	42"x39"	24½"x30½"	60"x18"	7.49	73 Lbs.

BERLIN BLACK ANDIRONS



14 Inches high. 10-E-215. \$2.00 Per pair..... Shipping wt. 25 lbs.	14 Inches high. 10-E-1241. \$2.25 Per pair..... Shipping wt. 30 lbs.	14 Inches high. 10-E-216. \$1.90 Per pair..... Shipping wt. 25 lbs.	16 Inches high. 10-E-1242. \$3.95 Per pair..... Shipping wt. 40 lbs.	22 Inches high. 10-E-1240. \$4.55 Per pair..... Shipping wt. 50 lbs.	24 Inches high. 10-E-1243. \$5.75 Per pair..... Shipping wt. 65 lbs.
------------------------------------------------------------------------------	-------------------------------------------------------------------------------	------------------------------------------------------------------------------	-------------------------------------------------------------------------------	-------------------------------------------------------------------------------	-------------------------------------------------------------------------------

These Andirons represent the very highest type of the designer's art and the workman's skill. A specially prepared metal composition is used in manufacture, capable of withstanding the intense heat to which andirons are liable to be exposed. Finished in a very superior manner. Color, deep Berlin black. The designs we show have been carefully selected with particular reference to their adaptability to our fine line of Mantels and they will be found in keeping with any arrangement of modern furniture and furnishings.

FOLDING FIRE-PLACE SCREEN—SOMETHING ENTIRELY NEW AND LASTING

Guaranteed against warping or getting out of shape. The fabric is of double mesh, fine wire, made by our factory's own patented machinery, a feature which cannot be had in any other screen except this make.

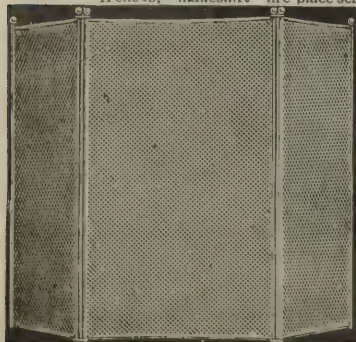
A cheap, "makeshift" fire-place screen is the poorest investment you can make. It will neither hold its shape, last, nor render satisfactory service.

Our new hinge connection not only allows you to make up any size screen you may desire, by attaching or detaching the panels, the screens will stand straight and be rigid on the floor in any position.

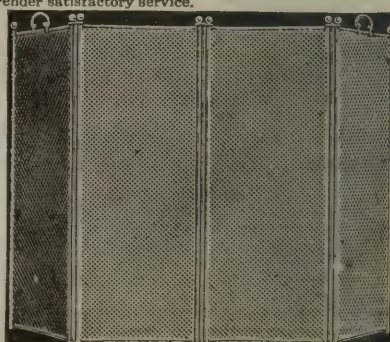
Our black screens are copper plated first, then oxidized black, giving them a dull, soft, smooth, black finish that will never wear off. Our brass screens are solid brass. This brass is lacquered to keep from tarnishing.

Style	No.	Width of Entire Screen	Height	Width of Folds	Finish	Price of Entire Screen	Extra Folds
"A"	10 G1421	42"	26"	12" & 18"	Dull Black	\$3.38	\$1.32
"A"	10 G1422	42"	30"	12" & 18"	Dull Black	3.75	1.52
"B"	10 G1423	48"	26"	12"	Dull Black Brass Knobs	4.50	1.20
"B"	10 G1424	48"	30"	12"	Dull Black Brass Knobs	4.90	1.35
"B"	10 G1425	48"	26"	12"	All Solid Brass	9.25	2.35
"B"	10 G1426	48"	30"	12"	All Solid Brass	9.98	2.55

Shipping weight 12 to 15 lbs. If handles are wanted on Nos. 1421-22-23 or 24 add 25c per handle extra. Shipped direct to you from Northern Michigan Factory.



STYLE "A"



STYLE "B"

86 Are you interested in Gasoline Engines? Send for our New Book.

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago.

Dependable Fireplace Outfits

QUALITY THE VERY BEST THROUGHOUT

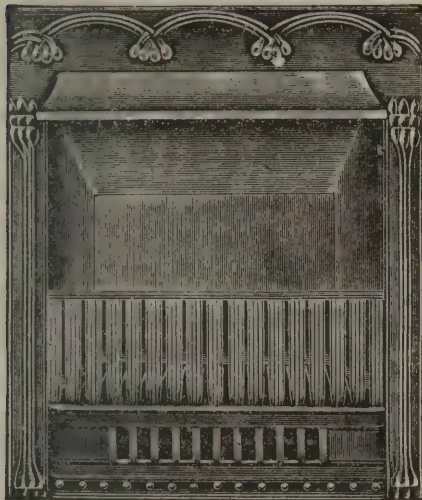
Do not make a mistake and buy a grate without seeing how it is built, the damper, the ash dump and above all the **Fire Clay Linings**. A careful comparison of our full line of **Grates** and **fireplace fixtures** is invited. You can absolutely depend upon the **price** as being the **lowest**, **material** of the **best** according to its kind. All of our **grate outfits** are new designs, modern in style, matching perfectly with our line of modern mantels, containing the latest improved ventilating and regulating devices. They are outfits very much desired, and, therefore are in great demand. We

will furnish any of our outfits plated in either **oxidized copper**, **oxidized brass** or **brush brass** and all take the same price.

Neither the **fire brick** or **cement** are included in any of our quotations nor do we furnish same, for they can generally be purchased to a better advantage locally on account of heavy freight charges.

Please read our descriptions and specifications carefully, to prevent error in ordering. We guarantee that all of our fixtures and grates are manufactured in the very best manner, and also guarantee safe delivery.

\$2.56 Buys Our Combination
"MEPHISTO" GRATE
Burns Wood or Coal



Our "Mephisto" COMBINATION GRATE is excellent for burning wood and soft coal. The basket or fire pot is made of heavy cast iron and very serviceable. The Frame has projecting canopy at top. This grate is intended to be used where the back and sides are built of brick.

The Summer Front is of ornamental steel, cannot break; very much superior to the old fashion cast iron kind.

MEPHISTO GRATE OUTFIT

10-E-1354. Mephisto Grate 24½ in. wide x 30½ in. high, with fire pot 20 in. wide x 9 in. deep; Berlin black finish. Price.....**\$2.56**
Plated, 50c extra.

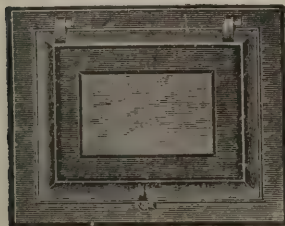
Shipping weight, 70 lbs.

EXTRA: Summer Front add**\$0.75**

LARGER SIZE MEPHISTO GRATE

10-E-1354½. Mephisto Grate outfit with a frame 30½ in. x 30½ in. with a fire pot 24 in. wide and 9 in. deep. Price...**\$2.95**
Extras, same as above.
Shipping weight, 80 lbs.

Ash Pit Doors.

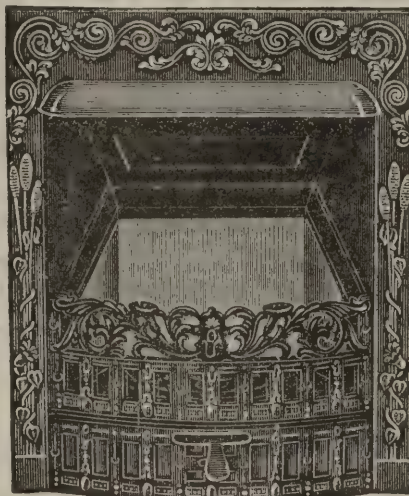


Special Size Hinges. Extra Strong Catch.

No.	SIZES	Price
10-E-1325.	12 x 16 In.....	\$1.65
10-E-1326.	16 x 16 In.....	1.98

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago.

\$7.95 Buys this Beautiful
"AJAX" GRATE
Burns Wood or Coal



Our "Ajax" DOUBLE DAMPER Set Grate invariably gives perfect satisfaction. It is a beautiful ornament and the material is the very best. This Grate has a heavy fire clay lining on back and sides, in one piece, ready to put in place and does not require the services of a skilled workman to set. Grates with Fire Clay linings on back only soon burn out at the sides and become worthless.

To those desiring an inexpensive serviceable and attractive grate or fire place, fitted and mounted ready for use, we highly recommend our Ajax as here described and illustrated. This grate is also equipped with a Shaker to shake down ashes and Dumping Bottom to dump them.

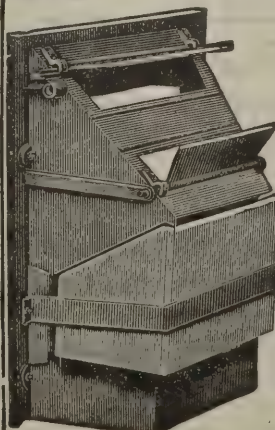
The arrangement of the double dampers give perfect control to the draft and fire.

"Ajax" grates require little labor or expense to set. Just push it into the fire place and it is ready to start the fire.

AJAX GRATE OUTFIT

10-E-1405. Ajax Grate, frame, 24½ in. wide x 30½ in. high and with a basket 20 in. wide x 9 in. deep. Berlin Black Finish. Summer Front included. Price.....**\$7.95**
Plated, 75c extra.

Furnished in the above size only. Shipping weight, 160 lbs.



SECTIONAL VIEW OF AJAX OUTFIT

Illustration shows the side view of the damper attachment and the full fire clay lining of fire pot.

Please note the arrangement of the two dampers and the heavy fire clay sack lining. These are important features.

\$10.50 The Very Best Made
OUR "METEOR" GRATE
Burns Wood or Coal



In presenting our "Meteor" DOUBLE DAMPER set grate we show a grate that has damper slide in ash screen. Both can be closed completely to throw the fire and prevent dust when shaking.

The Double dampers give complete control of the fire and perfect ventilation at all times. Very simple in its construction—all in one piece and ready for putting in place. Does not require the service of a skilled workman.

This Grate has large fire pot with full set of Clay Liners which may be removed and replaced from the front without disturbing the grate or setting.

METEOR GRATE OUTFIT

10-E-1420. Meteor Grate, 24½ in. wide x 30½ in. high, with a 20-in. plated basket, with double damper attachment and fire clay brick lining, and including Summer Front in heavy cast iron Berlin black finish. Price....**\$10.50**
Plated, 75c extra. Shipping weight, 160 lbs.

LARGER SIZE METEOR GRATE

We can furnish the Meteor Grate with frame 30½ x 30½ with 24 in. wide fire pot 9 in. deep.
10-E-1420½. Berlin black finish. Price.....**\$11.25**
Plated 75c extra Shipping weight, 200 lbs.

SECTIONAL VIEW

Illustration shows arrangement of damper, fire tile and general construction of our Meteor outfit.

Attention is called to the rear view showing the arrangement of the two dampers and the heavy fire clay linings. Shaking and dumping attachment is furnished with each grate without extra cost.



We Can Save You Big Money on a Warm Air Furnace. Full Instructions.

Big Profits
In Hot Beds

Greenhouse Material

Your Own Price
For Early Produce

HOTBED SASH, GLASS, SASH BARS, "PECKY" CYPRESS LUMBER

15 Points of Superiority

1. Four rows of glass.
2. Extra strong bars.
3. All joints extra strong mortised and tenoned.
4. Standard size glass (costs less to replace).
5. Glass set by hand.
6. Best linseed oil putty.
7. Large triangular zinc glazing points.
8. Extra size tacks to hold glass in place.
9. Extra deep rabbet.
10. Wood—Clear, well seasoned, close-grain Soft Oregon Fir.
11. Primed in lead and oil.
12. Strengthened by heavy brads.
13. Largest number of strength-giving qualities.
14. Smallest number of shadow-casting bracing devices.
15. Quick shipment from Chicago

ALL PRICES on this page are F. O. B. our yards or delivered to any DEPOT or DOCK in CHICAGO.

Prices of Glazed Hotbed Sash

**SIZE, 3 feet x 6 feet.
1 3/8 inch thick.**

Clear Oregon Fir

- No. 10-N-1701. Single lots. Price each..... **\$1.87**
No. 10-N-1702. Dozen lots or more. Price each... **1.76**
No. 10-N-1703. Lots of 50 or more price each... **1.61**

Prices of Open Hotbed Sash

Clear Oregon Fir

- No. 10-H-1704. Price, single lots, each..... **\$0.95**
No. 10-H-1705. Price in lots of 1 doz. or more... **.89**
No. 10-N-1706. Lots of 50 or more. Price each... **.83**

Special Prices on lots of 100 or more.

For our Hotbed Sash, woodwork coated with asphaltum paint, add..... **10c**

Makes them last twice as long as any other hotbed sash on the market.

GREENHOUSE LUMBER

"PECKY" CYPRESS, 1 in. thick, rough, per 1,000 feet (board measure), **\$19.00** f. o. b. Chicago.

No. 1 COMMON CYPRESS, 1 inch thick, rough stock or surfaced two sides to 1 3/8 inch, per 1,000 feet (board measure), **\$27.00**, f. o. b. Chicago.

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago.

Gardeners, Florists, Celery Growers and Greenhouse Men in General! Look at these Low Prices! Then Read How Well Our Sash Are Made

Here are 15 points of superiority analyzed. Read them over carefully and be convinced. But greater than these 15 points of superiority are our low prices.

Practical greenhouse men applying common sense to their business will readily concede that the standard size Sash 3 ft. x 6 ft., made with four rows of glass makes the ideal Hotbed or Greenhouse. If the stiles, rails and bars were made narrow like the ones in sash made with five rows of glass, you would have a little more glass space to begin with but less glass to end with because such sash lack the strength and rigidity necessary to support the weight of 20 lbs. of glass. That is the very reason such sash require bracing. And such bracing bars cast an extra amount of shade and cost an extra amount of money. Our four-row sash don't need bracing of any kind and you don't want any other kind.

LISTEN. The five-row sash is inferior in more ways than one. They are made that way for the distinct purpose by the manufacturer so he can use his odds and ends of broken glass cut down to 6 inch in width. Such lights are not uniform in length, because the broken pieces from which they are cut are not uniform. This means an extra expense for you when repair time comes around, because 6 inch glass is not a standard size in the first place and you would have to buy larger sizes and cut them down, and in the second place because the length of the glass in the sash varies, which will entail an extra amount of waste. This is especially true when buying open sash.

In the third place because of many lights being shorts, there are more laps—and laps harbor dirt—and dirt casts shade. There you are. You will take the four-row sash with standard glass every time.

In the fourth place if the narrow bars are not braced there is danger of spreading in one row and danger of contraction in another. Result? Breakage of glass and loosening of putty. No—you can't use the five-row sash at any price and our standard four-row sash are lowest in price.

About sash made with three rows of 10 in. glass. There is a decided disadvantage because the price is higher to start with and they only have 2 center bars and cost twice as much to repair broken glass. The bars cannot be made heavier than the ones in our four-row sash because this will weaken the stiles or side pieces which are narrow enough already. You are safer with the superior kind and why shouldn't you buy them when you can get them for less money?

You get a Sash made of Clear Stock primed in Lead and Oil. An extra deep rabbet means an extra amount of putty protection. Glass is set and pointed by hand, using large triangle tins and extra size tacks.

And last but not least our Hotbed Sash are shipped from our Chicago Warehouse assuring better service than you could possibly obtain from any other point. Eastern customers especially should take this into consideration.

HOW TO MAKE A HOTBED AND HOW TO MAKE IT PAY



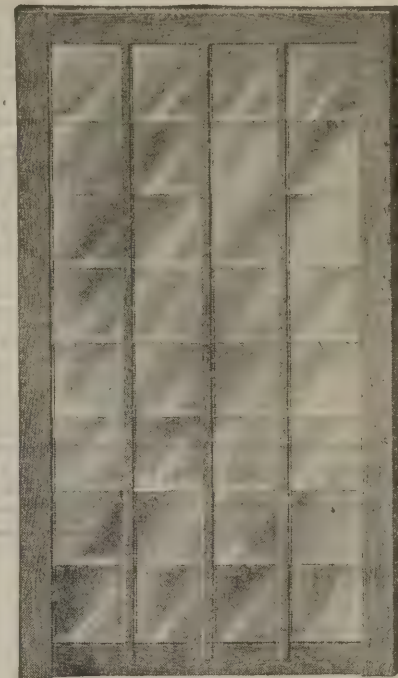
COMMUTERS AND OTHER country folk who are fond of Chinese Gardens. Make your garden pay by making a Hotbed.

You can have radishes, vegetables, and strawberries long before the man who does not use Hotbed sash, and whatever you do not need for your own use, you can without trouble, dispose of to others at fancy prices because

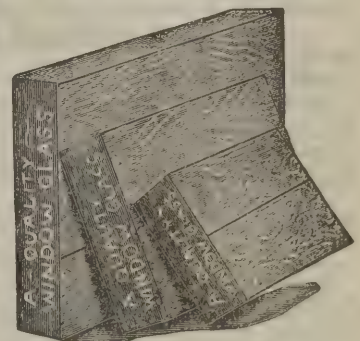
home grown garden truck is in great demand everywhere.

Illustration show how simple it is to make a hotbed. You should dig your pit 2 ft. deep and as long as you wish to make the hotbed. Board up the sides with 1 in. or 1 1/2 in. lumber. The frame should be made in two sections. The lower section about 18 in. high all around, and the top section should be 16 in. at the back and 8 in. in the front. This will give a slope of 8 in. to shed the rain. Place fresh manure in the pit to a depth of about 18 or 20 inches, then put the hotbed sash on and let them remain for 3 or 4 days, then cover with soil as rich as you can get. Let it stand for 5 or 6 days longer depending upon the temperature. Soil should be about 6 in. from the glass at the lowest point. Hotbeds should be made about two weeks before seeding. Be sure and raise your sash a little every morning for ventilation but not far enough so that the cold air can flow directly on the plants, and as soon as the sun sets close the sash over night to retain the heat.

To obtain best results the Bed should be given a southern exposure and be protected from the North Wind.



HOT BED GLASS



Standard quality. Large stock on hand. Packed strong. Safe delivery guaranteed.

Lot Number	Size inches	Price per Box	No. Lights in Box
10-G-1707.	7x9	\$2.85	114
10-G-1708.	8x10	2.86	90
10-G-1709.	9x12	2.88	67
10-G-1710.	10x14	2.90	51
10-G-1711.	16x18	3.00	25

INSIDE SASH BAR

No. 10-G-8435

Used between Glass. Size 1 1/2 x 2 1/2. Price per 100 running feet... **\$3.05**

END SASH BAR

No. 10-G-8436

Used at ends of Hotbeds. Has but one square shoulder for sash to rest upon. Size 1 1/2 x 2 1/2. Price 100 running feet... **\$2.95**

Yes, Heating Plants for Greenhouses—Pipes and Fittings.

Siding, Ceiling and Partition

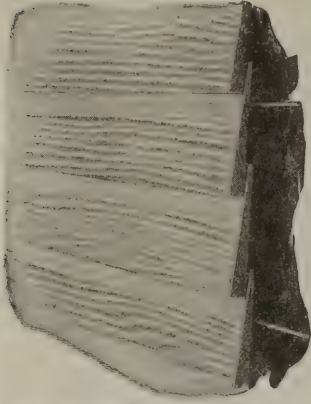
IMMEDIATE SHIPMENT FROM OUR CHICAGO STOCKS

SIDING! SIDING! In quantities running into millions of feet handled every year. **Carload lots coming in all the time.** All best and well known woods, noted for their paint-adhering and weather-defying qualities.

You will find some variation in price, partly because some woods are more durable, but this difference is governed mainly by the general supply. If the market is overstocked on a certain item, the price goes down and we are always on the spot to take advantage of market conditions, securing a large share and more of such surplus. Remember, when comparing prices, that we ship direct from our main plant in Chicago,

with the lowest freight rates and quickest services assured and if others equal our price or their price seems lower, it is due to the fact that you would have to pay freight from some long distance mill point or unimportant distributing center. Therefore you would not only be exposed to financial loss on account of much higher freight charges, but you might lose valuable time, let alone your peaceful state of mind.

For explanation of grades see below.



Beveled Siding

Also known as Weather-Boarding, Split Siding, Clap boards or Lap siding. Yellow Pine, White Pine, Fir, Red Wood, Red Cedar and Spruce. Machined to standard width and thickness. Prices are for mixed lengths varying from 4 to 16 feet and on some kinds up to 20 feet.

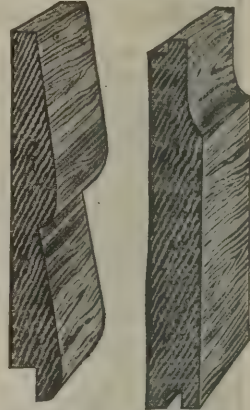
Since 8 to 16 feet is now called standard lengths, the percentage of short lengths furnished can be used to advantage between doors and windows so no waste will result.

Drop Siding

Also known as Novelty siding, Rustic siding, German or Dutch siding, Patent siding. This page also contains plain Tongued and Grooved Barn Siding. Plain shiplap siding, plain Boards, dressed on two sides and battens.

This kind of siding is used mainly where sheathing boards are not used—as it is, of course much stronger and thicker than Beveled siding.

Yellow Pine or Soft Arkansas Pine—Northern Soft Pine and Western Fir. Machined to standard widths and thickness. Prices are for mixed lengths running from 8 to 20 feet in Yellow Pine and Fir. White Pine, lengths from 8 to 16 feet only.



No. 117

No. 106

BEVEL SIDING All prices per 100 feet, Board Measure. Weight per 100 feet. Mixed lengths only.

Number	Wood	Size	Grade	Price	Weight
22-I-5000	Short Leaf S. Pine	3/4"x6"	Clear	\$2.10	90 lbs.
22-I-5005	Short Leaf S. Pine	3/4"x6"	Clear	2.30	90 lbs.
22-I-5013	Spruce	3/4"x6"	Clear	2.20	80 lbs.
22-P-5015	Spruce	3/4"x6"	Clear	2.45	80 lbs.
22-K-5016	Cypress	3/4"x6"	Select	2.30	80 lbs.
22-K-5017	Cypress	3/4"x6"	Select	2.40	80 lbs.
22-J-5018	Cypress	3/4"x6"	Clear	2.60	80 lbs.
22-J-5020	Cypress	3/4"x6"	Clear	2.70	80 lbs.
22-I-5040	Redwood	3/4"x6"	Clear	2.55	80 lbs.
22-I-5043	Redwood	3/4"x6"	Clear	3.20	80 lbs.
22-K-5044	White Pine*	3/4"x6"	Clear	3.20	80 lbs.
22-K-5049	White Pine*	3/4"x6"	Clear	3.20	80 lbs.
22-K-5045	White Pine	3/4"x6"	Select	2.80	80 lbs.
22-K-5048	White Pine	3/4"x6"	Select	2.80	80 lbs.

DROP SIDING Price is per 100 ft. Board Measure, mixed lengths 8 to 20 ft. Weight per 100 ft. See below for prices specified lengths.

Number	Wood	Size	Grade	Price	Weight	Pat.
22-P-5101	Short Leaf Sou. Pine	1"x6"	Clear	\$3.00	190 lbs.	No. 106
22-P-5104	Short Leaf Sou. Pine	1"x6"	No. 1	2.80	190 lbs.	No. 106
22-P-5106	Short Leaf Sou. Pine	1"x6"	No. 2	2.35	190 lbs.	No. 106
22-P-5116	Short Leaf Sou. Pine	1"x6"	Clear	2.90	190 lbs.	No. 117
22-P-5119	Short Leaf Sou. Pine	1"x6"	No. 1	2.70	190 lbs.	No. 117
22-P-5121	Short Leaf Sou. Pine	1"x6"	No. 2	2.35	190 lbs.	No. 117
22-P-5124	Western Fir	1"x6"	Clear	3.50	190 lbs.	No. 106
22-P-5125	Western Fir	1"x6"	Select	3.20	190 lbs.	No. 106

If any certain length is wanted it is necessary to order Clear or No. 1 Soft Arkansas Pine, and price will be 20c more per 100 ft. No. 2 Arkansas Pine and Fir cannot be furnished in specified lengths.

We highly recommend Pacific Coast Fir. Not a new wood by any means. Read what we say about Fir for porch floors on other page. So don't remain under the impression please, that White Pine is the only wood to use. Fir will hold paint just as well.

EXPLANATION OF GRADES

BEVEL SIDING

Clear grade means free from knots without any reservation.

Select Grade Fir. Pitchstreak is the principal defect in Select Fir Siding. Some appear on the surface only, some go down deeper. But for this drawback the grade would be practically clear.

Select Grade Cypress. Our select grade cypress is exceptional value for the money. Principal defects: sap, occasional knot, and some slight roughness.

*Clear White Pine. Meaning every word it says. Not a "B" Grade with an "occasional small knot" or other defects, but the cream of siding. The best there is. Guaranteed clear and free from defects of every kind or money refunded. This is the siding for the man who wants the "best there is."

"Select" White Pine. Our Select Grade White Pine is the grade that is usually sold for "Clear." It will contain occasional small, sound, tight knots about 1/2 inch in diameter, well scattered or perhaps some blue stain, but never both in any one piece to any extent. This is a siding that is plenty good enough for any house.

DROP SIDING

No. 1 grade—Allows for some few knots, but they must be sound, not loose, usually the wider the boards the larger the knots. Our No. 1 Short Leaf Southern Pine Drop Siding runs much better for the grade, knots are fewer and smaller than in White Pine.

No. 2 grade—Cheapest grade in siding. Allows for more knots than No. 1, both large and small, as well as imperfections in manufacture and an occasional small knot hole, which can easily be cut out. Plenty good enough for outbuildings and repair jobs.

HOW TO FIGURE BEVELED AND DROP SIDING

Siding is figured on the basis of the ripping width of the lumber from which it is made. For instance, 1 x 6 Drop Siding is made from a 6-inch strip but when machined pattern No. 106 finishes up 5 1/4 inches and pattern No. 117 finish up 5 inches net on face, so this loss in working must be added to the space you want to cover. On bevel or lap siding allowance must also be made for the lap. By ordering according to table below you should have enough, which shows how much 100 ft. will cover, also what percentage to add.

Ripping Size	Finished Size	100 Feet Will Cover	Add for loss
1/2"x4"	3/4"x3 1/4"	75 ft. of space	33 1/3 % or one-third
1/2"x6"	3/4"x5 1/4"	80 ft. of space	25 % or one-fourth
1"x6"	3/4"x5"	80 ft. of space	20 % or one-fifth
1"x6"	3/4"x5 1/2"	87 ft. of space	15 % or one-seventh
1"x8"	3/4"x7 1/2"	90 ft. of space	10 % or one-tenth

While above shows actual amount to be added, it shows no allowance for any emergency, so it is always safer to order a little more.

Yellow Pine and Fir Ceiling and Wainscoting

For porches and under eaves. Dressed, matched and beaded. Machined in first-class shape. Sold in mixed lengths only from 8 to 20 ft. 80 per cent of our sales are for the No. 1 grade. Specified lengths 30c per 100 ft. extra.

Number	Rough size	Finished size	Grade	Wood	Price 100 ft.	Weight 100 ft.
22-I-5560	1x4	3/4"x3 1/4"	No. 2	Yellow Pine	\$1.60	160
22-J-5562	1x4	3/4"x3 1/4"	No. 1	Yellow Pine	2.25	160
22-J-5565	1x4	3/4"x3 1/4"	Clear	Yellow Pine	2.50	160
22-J-5568	1x4	3/4"x3 1/4"	Select	Fir	2.20	160
22-J-5569	1x4	3/4"x3 1/4"	Clear	Fir	2.40	170

Fir and Yellow Pine Partition

Dressed and matched beaded on 2 sides. Specified lengths, 30c per 100 ft. extra.

Number	Rough size	Finished size	Grade	Wood	Price 100 ft.	Weight 100 ft.
22-J-5572	1x4	3/4"x3 1/4"	No. 1	Yellow Pine	\$3.10	220
22-J-5575	1x6	3/4"x5 1/4"	No. 1	Yellow Pine	3.30	240
22-I-5581	1x4	3/4"x3 1/4"	Select	Fir	3.30	220
22-I-5582	1x4	3/4"x3 1/4"	Clear	Fir	3.70	240

On 4 inch Ceiling and Partition add 25 per cent on account of loss in matching. On 6 inch add 15 per cent.

NOTE: For additional lumber information see introductory pages. If you want lumber other than listed on this and following pages be sure and send for prices. Send us a list and we will name you delivered prices by return mail.

Flooring and Finish Lumber

IMMEDIATE SHIPMENT FROM OUR CHICAGO STOCKS

\$5.33 BUYS
NEW FLOOR

You yourself can easily put down that new floor with our well matched, smoothly manufactured flooring.

For \$5.33 we will ship you enough CLEAR Flooring, No. 22-1-5207, to floor a room 12 ft. x 12 ft. Other sizes equally low.

Our line of Flooring and Finish cannot be beat for quality or workmanship. No use to look elsewhere for something different, or a lower price, or a better grade. Shipped from CHICAGO within the low freight rate zone. See below how to order flooring.

FINISHING LUMBER—Most people think a nice, clear piece of finishing lumber costs a fortune—not so here. Our soft, clear Fir finish is priced very low, 100 lineal feet boards, 12 inches wide, will cost you only **\$5.20**

Yellow Pine Flooring

Price per 100 ft. Weight given per 100 ft. Mixed length 8 to 20 ft. Lengths not sorted.

Number	Grain	Rough Size	Finished Size	Grade	Price	Weight
22-J-5202	Flat Grain	1x3"	13/16x2 1/4"	Clear	\$3.30	200 lbs.
22-J-5207	Flat Grain	1x4"	13/16x3 1/4"	Clear	3.10	220 lbs.
22-J-5212	Flat Grain	1x3"	13/16x2 1/4"	No. 1	3.00	200 lbs.
22-J-5219	Flat Grain	1x4"	13/16x3 1/4"	No. 1	2.90	200 lbs.
22-J-5222	Flat Grain	1x3"	13/16x2 1/4"	No. 1	3.00	240 lbs.
22-J-5227	Flat Grain	1x3"	13/16x2 1/4"	No. 2	2.00	200 lbs.
22-J-5233	Flat Grain	1x4"	13/16x3 1/4"	No. 2	2.00	220 lbs.
22-J-5239	Flat Grain	1x6"	13/16x5 1/4"	No. 2	2.40	200 lbs.
22-J-5253	Flat Grain	1x6"	13/16x5 1/4"	No. 3	2.00	240 lbs.
22-J-5259	Edge Grain	1x3"	13/16x2 1/4"	Clear	4.20	200 lbs.
22-J-5260	Edge Grain	1x4"	13/16x3 1/4"	Clear	3.80	220 lbs.

Oregon Fir Porch Flooring

Price per 100 ft. Weight 220 lbs. per 100 ft. Some specified lengths.

Number	Size	Grade and Kind	Lengths	Price
22-K-5355	1 1/4"x4"	Clear Flat Grain	Mixed lengths 10 to 20'	\$4.00
22-K-5357	1x4"	Clear Flat Grain	Mixed lengths 10 to 20'	3.53
22-I-5358	1x4"	Clear Edge Grain	Mixed lengths 10 to 20'	3.85
22-I-5360	1x4"	Clear Edge Grain	6', 7', 8', or 9'	3.65
22-J-5363	1x4"	Clear Flat Grain	6', 7', 8', or 9'	3.20
22-J-5366	1x4"	Select Flat Grain	6', 7', 8', or 9'	2.90
22-I-5368	1x4"	Select Edge Grain	6', 7', 8', or 9'	3.10
22-I-5369	1x4"	Select Edge Grain	Mixed lengths 10 to 20'	3.40
22-J-5371	1x4"	Select Flat Grain	Mixed lengths 10 to 20'	3.10

Order by number. State size, grade and length, and if Flat or Edge Grain. No other lengths sorted out except short lengths from 6 to 9 ft.

We recommend Oregon fir strongly for the purpose of porch floors. When clear Soft White Pine Porch lumber became scarce and high priced, it became necessary to find something else to take its place, something that not only would measure in durability but in wearing qualities. That's Fir, and it wears. It wears better because it is not as soft as Soft Pine and some other woods now being endorsed for Porch floors. As to its durability, don't you worry that this close-knit fibrous Fir of the Western Slope will decay in a hurry. Do you suppose we would go to the trouble of hauling lumber all the way across the Cascades and Rocky Mountain Ranges if it was not a durable wood. Would we be foolish enough to pay freight over a distance of 2500 miles or more, if it was an inferior article. Fir has all other woods backed off the boards for the purpose of porch floors—bar none.

EXPLANATION OF GRADES

Clear Grade:—Means free from knots, without any reservation.

Select grade, Fir Only:—The only defect worth considering in Select Fir is pitch streaks, most of which can be cut out with little waste.

No. 1 grade:—Allows for a few knots, but they must be sound, not loose, usually the wider the boards the larger the knot. Sometimes some pieces contain slight checks but this defect will do no harm. Our No. 1 Soft Arkansas Pine Flooring runs much better for the grade, knots are fewer and smaller than in White Pine.

No. 2 grade:—Allows for a larger percentage of knots, as well as imperfections in manufacture and an occasional small knot hole, when balance of piece is good, and will make a pretty fair job, there will, however, be some waste.

No. 3 grade:—No. 3 Flooring is suitable for sheathing and lining and is recommended for a cheap kind of floor.

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago.

SOFT FIR FINISH

Fairminded, farsighted folk, who are familiar with Fir k-n-o-w that this fine, choice lumber, grown in the Pacific Coast States, has taken great forward strides in the last few years, being used more and more for all kinds of building purposes. Suitable for all around interior and exterior work. A great favorite for finishing boards.

Many woods are being used and pushed for outside finish, but none come nearer than Fir to the Northern Soft Pine when both economy and utility are considered. There may be other woods equalling Fir's durability, but none can equal Fir's low price.

All finishing furnished in regular lengths, dressed on two sides to standard widths and thicknesses.

Prices of FIR FINISHING LUMBER

Mixed lengths 8 to 20 ft. not sorted out as to any particular length. Price covers 100 ft. (lumber feet or board measure). Weighs 250 lbs. per 100 ft.

Number	Grade	Thick-ness	4 inch wide	6 inch wide	8 inch wide	10 inch wide	12 inch wide
22-J-5500	Select Fir	1"	\$4.00	\$4.40	\$4.50	\$4.60	\$4.70
22-J-5503	Clear Fir	1"	4.50	4.90	5.00	5.10	5.20
22-J-5505	Clear Fir	1 1/4"	4.80	5.00	5.20	5.40	5.50
22-J-5508	Clear Fir	2"	4.70	4.90	5.10	5.30	5.40

For specified lengths (all one certain length) add 30c per 100 ft.

Short Leaf Southern Yellow Pine Finish

Price per 100 ft. Board measure. Weight per 100 ft. 260 lbs. Furnished in specified or separate lengths from 8 to 20 ft.

Number	Grade	Thick-ness	4 inch wide	6 inch wide	8 inch wide	10 inch wide	12 inch wide
22-P-5527	Clear	1"	\$3.40	\$3.60	\$3.80	\$3.90	\$4.00
22-P-5529	Clear	1 1/4"	4.00	4.10	4.10	4.50	4.60

Clear Grade Cypress, Western Spruce and Red Oak Finish

Price per 100 ft. Weight 300 lbs. per 100 ft. Furnished mixed lengths up to 16 ft. For specified lengths add 30c per 100 ft.

Thick-ness	Width	22-J-5545 Cypress No. 1 Barn	22-J-5541 Cypress Select	22-I-5535 Cypress Clear	22-J-5550 Red Oak Clear
1 inch	4"-6"-8"	\$3.60	\$4.20	\$4.70	\$7.80
1 inch	10" and 12"	3.90	4.65	5.15	8.10
1 1/4 inch	4" to 12"	4.20	5.00	5.50	8.50
2 inch	4" to 12"	4.50	5.50	6.00	9.50

Grades:—Finishing Lumber grades cover a great many technical points, depending upon the character of the wood. Briefly described—one face or side of Clear grade must be suitable for natural or hard oil finish, free from knots. Select grade of Fir is especially recommended for outside work, but not for interior finish. Use the clear for that. No. 1 Barn Cypress is excellent for a cheap outside finish.

HOW TO ORDER FLOORING

Flooring is figured on the basis of the ripping width of the lumber from which it is machined. For instance, 4-inch flooring is made from a 4-inch strip and sold as such, but when machined finishes up 3 3/4 inches face only, so this waste of 3/4 inch in working must be added to the quantity of space you want to cover. If you will carefully order according to the following table, you will have enough.

Table shows how much 100 feet will cover, also what percentage to add to space you want to cover, and how much is lost in machining.

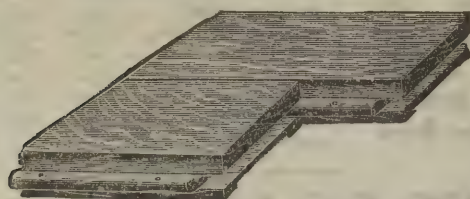
Ripping Size	Finished Size	100 ft. will Cover	Add for waste in working tongue and groove
1x2 1/2"	13/16x2"	72 ft. of space	37 1/2 per cent, or three-eighths.
1x3"	13/16x2 1/4"	75 ft. of space	33 1/3 per cent, or one-third.
1x4"	13/16x3 1/4"	80 ft. of space	25 per cent, or one-fourth.
1x6"	13/16x5 1/4"	84 ft. of space	20 per cent, or one-fifth.

Free Estimate Furnished upon Receipt of Your Itemized List, Freight Paid. 91

Hardwood Flooring, Lath and Shingles

IMMEDIATE SHIPMENTS FROM OUR CHICAGO STOCKS

Smooth Hardwood Flooring



Cut shows our high grade, $\frac{1}{2}$ -inch flooring. End matched and bored for blind nailing.

Store your flooring in a dry place if you don't expect to use it right away.

Hardwood Floors are Healthful and Economical A Permanent Sanitary Improvement

Hardwood floors are more economical than the average home builder realizes, are easily kept smooth and clean.

As all our flooring is run with matched ends, the question of laying a hardwood floor is a very simple matter.

The greatest feature of the $\frac{3}{4}$ inch flooring is its adaptability and usefulness for covering old floors, doing away with the worn and yielding soft wood floors and musty carpets. The result is a strictly "hygienic" floor, much more attractive because finished in the natural wood.

It is a permanent sanitary improvement, besides adding greatly to your renting value.

Hardwood Flooring—Its Varied Use

The Clear grades are suitable for any residence, for there are no higher grades of flooring made. For residences the Clear grades of Maple flooring are usually ordered for kitchen, hall and bathroom. Oak will be more suitable for the dining room, living room, parlor, reception room, etc., and Yellow Pine could be used for the bedrooms, a very economical combination.

Select Maple flooring is mainly used for public halls, stores, hotel chambers, and wherever a good but not absolutely perfectly clear floor is wanted.

Factory flooring is recommended only where a good low priced floor is wanted. Used extensively for ware-houses, factory buildings and other large buildings where strength is of more importance than beauty.

Superior Manufacture

Hardwood Flooring is manufactured from superior kiln dried stock, scientifically treated and is as near perfect as modern machinery can make it, smoothly run, tongued and grooved on end edges as well as side edges and steel polished which gives it the smoothest finish possible. $\frac{3}{4}$ inch flooring is hollow backed and bored for secret nailing. All grades furnished in standard lengths and securely bundled.

How to Order Thin Flooring:

Get the square feet space of your floor, which if your room is 10x12 figures 120 square feet. If covered with $\frac{3}{4}$ x1 $\frac{1}{2}$ ", multiply by 8, result 960 lineal feet and if you want to cover same with $\frac{3}{4}$ x2", multiply by 6, result 720 lineal feet.

Question:—What is price of 10 ft. x 12 ft. room covered with $\frac{3}{4}$ x 1 $\frac{1}{2}$ " Select Maple Flooring?

Answer:—960 lineal feet at 65c per 100 lineal feet is \$6.24.

Prices of End Matched and Bored

Thick Hardwood Flooring

Eastern Local Orders for oak flooring can be shipped direct from our southern Ohio factory. This saves the customers on freight charges.

Price per 100 feet. Weight per 100 feet Standard lengths. Lengths not sorted

Number	Wood	Rough Size	Finished Size	Grade	Price	Weight
22-I-5276	Maple	1x2 $\frac{3}{4}$ "	1 $\frac{1}{2}$ x2"	Clear	\$ 5.10	210 lbs.
22-P-5278	Maple	1x3"	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Clear	5.30	210 lbs.
22-I-5282	Maple	1x2 $\frac{3}{4}$ "	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Select	4.40	250 lbs.
22-P-5284	Maple	1x3"	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Select	4.70	210 lbs.
22-I-5289	Maple	1x3"	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Factory	3.00	210 lbs.
22-P-5292	Red Oak	1x3"	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Clear	6.30	250 lbs.
22-P-5294	Red Oak	1x3"	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Select	5.50	250 lbs.
22-I-5296	White Oak	1x3"	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Clear	6.50	250 lbs.
22-I-5298	White Oak	1x3"	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Select	5.70	250 lbs.
22-I-5300	Red Oak	1x3"	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Clear	10.50	250 lbs.
22-I-5306	White Oak	1x3"	1 $\frac{1}{2}$ x2 $\frac{1}{4}$ "	Clear	11.50	250 lbs.

Thin Hardwood Flooring End Matched

Price per 100 lineal feet. Standard mixed length.

Net Fin-ished Size Ins.	22-P-5311 Select Maple	22-P-5314 Clear Maple	22-P-5316 Select Red Oak	22-P-5318 Select White Oak	22-P-5320 Clear Red Oak	22-P-5322 Clear White Oak	Wt per 100 Lin. ft. lbs.
$\frac{1}{2}$ x1 $\frac{1}{2}$ "	\$0.65	\$0.80	\$0.83	\$0.83	\$1.03	\$1.03	17
$\frac{1}{2}$ x2"	0.81	1.00	1.00	1.00	1.27	1.27	20

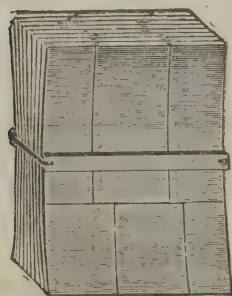
How to Order Thick Flooring: SEE PREVIOUS FLOORING PAGE

How to Order Thin Flooring SEE OPPOSITE COLUMN

EXPLANATION OF GRADES

CLEAR grade means free from knots and other defects. Select Grade—Defects in this grade flooring are mainly of a technical character with an occasional very small knot in the $\frac{1}{4}$ inch stock. There are no knots in $\frac{3}{4}$ in. thickness, imperfection is in manufacture, sap and color. Factory grade—This grade appears in Maple Flooring only. Is mainly used for factory purposes. Contains larger and more defects than Select grade, also some knots, but will make a good serviceable floor.

SHINGLES



Choice Red Cedar Shingles	Price per 1000	Weight per 1000	Special Information
22-P-5405. Common 10 inch Clears, 5 to 2, 10 inch Clear from butt end. (Special Brand).	2.77	180 lbs.	Very few shorts in 10 inch Clears. Some knots.
22-P-5410. Extra Star A Star Clear 16 inch, 6 to 2 butts. (Regular Brand).	3.15	160 lbs.	The best quality 6 to 2 shingle made; more solid than any other brand on the market.
22-P-5415. Extra 16 inches Clears, 5 to 2 butts. Highest grade made. (Regular Brand).	3.65	180 lbs.	All strictly Clear. All strictly 16 inches long. No defects whatever.
22-J-5425. Fancy Butt Dimension Shingles. Clear 16 inches long.	4.25	175 lbs.	All uniform 8-inch widths.

Prices on Shingles subject to change on account of market fluctuations. Write for delivered prices.

These shingles are manufactured and graded strictly according to official standard as specified by the manufacturers. Our guarantee is back of every bundle. Do not ask us to send sample pieces of shingles, as the grades cannot be correctly judged from a few pieces. If the grades are not clear to you, we will ship you One Thousand Shingles (4 bunches) upon receipt of price. These four bunches may be all one kind or different kinds but if more than one kind are ordered in a sample lot of one thousand, we will charge on the basis of the highest priced kind in the lot on account of the extra handling.

5-2 or 5 to 2 means that the combined thickness of 5 shingles measured across the butt shall measure practically 2 inches.

6-2 or 6 to 2 means that the combined thickness of 6 shingles measured across the butt shall measure 2 inches. 4 Bunches per 1000.

PLASTERING LATH

Always in stock in 32 inch lengths. Full thickness and width Correct length. Our 32 inch Soft Pine Lath are usually far above the grade of No. 1, strictly first class.

LOW PRICES per 1,000 pieces.

22-J-5450. 32 inch Lath, Soft Pine, \$2.40, 325 lbs.

22-J-5460. 48 inch Lath, No. 1 Cypress, \$5.00, 500 lbs.

22-J-5465. 48 inch Lath, No. 1 Short Leaf Southern Pine, \$1.00, 550 lbs.

22-J-5465. 48 inch Lath, No. 2 Short Leaf Southern Pine, \$3.25; weight, 550 lbs.

Byrkit's Patent Sheathing Lath



Sold in random lengths only—4 to 16 ft. No specified quantity of any certain length supplied. Tongued and grooved or square edged as in stock.

22-J-5475. Run from 1x4" strips, per 1,000 ft., \$19.00

22-J-5480. Run from 1x6" strips, per 1,000 ft., \$20.00

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago.

AT-LAST-A WALL BOARD

A Perfected Pure Wood Fibre Board

Makes A Beautiful Cream Wall. Material Colored In Making. Requires No Decoration Whatever.



No Dirt—No Waste—No Delay. You Yourself Can Easily Put It On. Simple Instructions Sent.

WALL boards have long ago passed the experimental stage. They are universally admitted to be thoroughly practical. It has been a matter of perfecting them, and keeping the cost down to where it will not only be less than the cost of lath and plaster, but where it will be a satisfactory wall without fuss, dirt and other useless and unnecessary inconveniences which you are bound to encounter when you have plastering done. Our "AT-LAST-A" is a wall board which any one can put on with utmost ease.

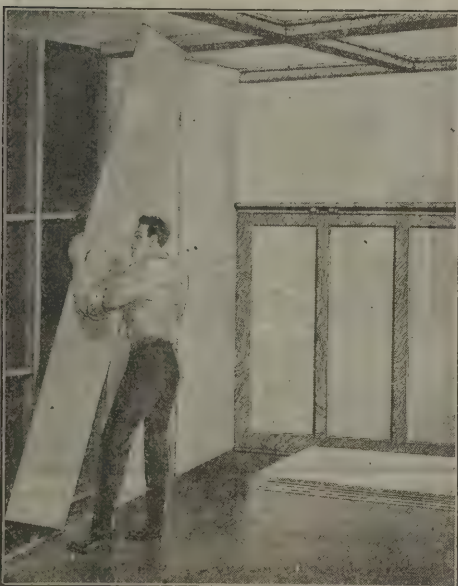
HARRIS BROS CO.
ATLASTA



A CLEAN, neat and satisfactory material; can be cut with a knife or saw, without injury to either. "ATLASTA" wall board is the perfected result of careful study and many experiments, through years, by a foremost wall board maker.

It stands out pre-eminently above all other well known makes of wide reputation. The making of "ATLASTA" wall board clearly indicates that all necessary and important features have been carefully considered. Read carefully the important features:

At-Last-A Real Wallboard. The One You've Waited For. As Near Perfection As Possible



☐ "ATLASTA" wall board is sold by us as cheaply as other wall boards, but don't judge the quality by our low price. This is but another example of our ability to save you much money. It is made from selected wood reduced to a fibrous form, and then pressed into panels nearly a quarter of an inch thick under tremendous pressure. It is thoroughly dried and seasoned, and when applied according to our simple directions sent with each shipment, a beautiful, permanent, sanitary and economical wall is the result.

☐ "ATLASTA" wall board gets its beautiful cream shade in the process of making. The coloring in "ATLASTA" is the board itself. There are many wall boards extensively sold today, which for the time being, enjoy a high reputation. The color in most of them is applied after the board is made; that is a sheet of colored paper is pasted over the surface, which serves as the color, and if this paper is scratched or rubbed off, there is a permanent blemish. You can sand paper "ATLASTA," rub it, scratch it, clean it, and the same color will be there.

☐ "ATLASTA" wall board is especially treated to repel vermin and to withstand changes in temperature and humidity. Being a non-conductor of heat and cold, it makes the rooms cooler in summer and warmer in winter. It is fire retarding, and will withstand shocks and vibrations that will bring down ordinary plaster within a short time.

☐ "ATLASTA" wall board is nailed directly to the studding and ceiling joists, either 16 or 24 inches from center to center. It can be easily cut with fine saw or knife to fit any space, or on irregular lines. The cost is surprisingly low—much less expensive than lath and plaster. You pay only for the actual space covered. You can do the work with no inconvenience while you are living in the house. We recommend that the joints be covered with panel strips, which gives the pleasing effect here illustrated. Sheets come in 32 and 48 inch widths, and even foot lengths from 6 to 12 feet as desired. Furnished in cream color only—a soft mat-like finish, requiring no other decoration. If desired, may be decorated with oil or water colors. Order today at our risk, or write for pamphlet showing beautiful effects easily obtained by using "ATLASTA."

Prices Below are per sheet and in crate lots. Always order in crate lots when possible. Prices are F. O. B. Chicago. We will gladly quote delivered prices upon application.

Width, Inches.	Length, Feet.	Sq. Feet per Sheet.	Price per Sheet in Lots Less than 20 Sheets	Price per Sheet in Lots of 20 Sheets or More	Weight per Sheet.	Width, Inches.	Length, Feet.	Sq. Feet per Sheet.	Price per Sheet in Lots Less than 20 Sheets	Price per Sheet in Lots of 20 Sheets or More	Weight per Sheet.
32	6	16	\$0.42	\$0.37	10	48	6	24	\$0.60	\$0.56	15
32	7	18 1/2	.47	.43	13	48	7	28	.70	.65	17
32	8	21 1/2	.54	.49	13	48	8	32	.80	.74	20
32	9	24	.60	.56	15	48	9	36	.90	.83	23
32	10	26 2/3	.67	.63	17	48	10	40	1.00	.92	25

Wood Panel Strips. No. 22H8282. Size 5/16x1 1/4 in. clear yellow pine per 100 lineal feet. 54c.

Nails. No. 2H4005A. 1 1/4 in. box nails, for direct application, per lb. \$0.04 | No. 2H4005A. 2 in. box nails, for over old plaster, per lb. \$0.04

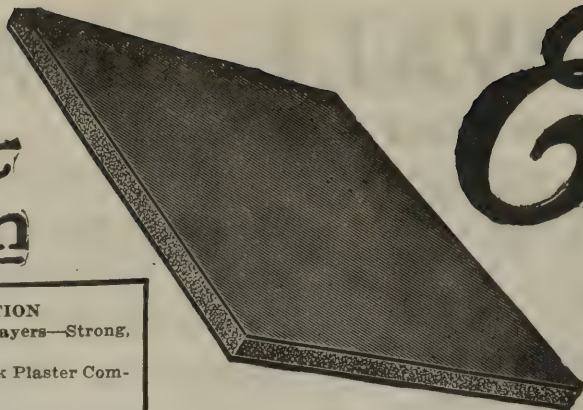
Nails. No. 2H4005. 1 1/4 in. casing nails, for direct application, per lb. .04 | No. 2H4005. 2 in. casing nails, for over old plaster, per lb. .04

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago.

Send for Our Complete Illustrated Pamphlet

It Won't Burn

COMPOSITION
Top and Bottom Layers—Strong, heavy Fibre Board.
Center Layer—Rock Plaster Composition.



Eureka

FIVE-IN-ONE

FIRE PROOF Plaster Board

NOTE—EUREKA Plaster Board is full 5-16 of an inch thick, much heavier and stronger than any similar plaster board on the market. With its two heavy layers of fibre paper and between these a thick layer of Rock Plaster Composition, it is equal to eight-ply of the old style sheathing. Made by special process. Enormous pressure is applied and when the composition has set, it is practically a solid mass.

Do not confuse our Eureka Fire-Proof Plaster Board with the many cheap substitutes now on the market **THERE'S A DIFFERENCE.**

EUREKA Plaster Board combines in one operation, five distinct advantages:

1. WALL COVERING
The perfect substitute, better than lath and plaster.

WHY?

BECAUSE it is safer and cheaper and it does away with 99% of the muss and dirt which is unavoidable with the old style lath and plaster. There is no dampness to contend with, nor waiting for the walls to dry out. The work of interior finish can proceed at once.

2. FIREPROOFING
EUREKA Plaster Board is non-inflammable. That is one of its most important features. It simply cannot burn.

WHY?

BECAUSE it is a well known fact that fibre paper itself, when closely packed together, will not burn through even when exposed to a direct flame. The edges and corners may become charred, but it would take the heat of the hottest furnace a long time to thoroughly consume it. By actual test it will stand 1,700 degrees of heat. The outside layers of fibre are thoroughly saturated with the Rock Plaster Composition and this material absolutely CANNOT burn.

3. SOUNDPROOFING
As a sound deadener, it has no equal.

WHY?

BECAUSE if ordinary plaster is considered reasonably sound-proof, we make it 99% more so in manufacturing our EUREKA Plaster Board by putting on each side of plaster, a heavy layer of fibrous paper which everybody knows is used in all kinds of mechanical work as a sound-deadener.

4. HEATPROOFING
With EUREKA walls you can keep cool in the hottest weather.

WHY?

BECAUSE we all know that paper is one of the best non-conductors of both heat and cold. EUREKA Plaster Board gives 99% more protection than ordinary Plastered walls. Even the hottest rays of the sun cannot get through this Rock Plaster Composition and the two heavy coats of fibrous paper.

5. COLDPROOFING
Saves Fuel. The sharp winds of winter cannot penetrate.

WHY?

BECAUSE as a non-conductor of cold, any kind of paper is superior to other materials. Everyone knows that a single sheet of newspaper wrapped around your body under your coat, will keep you warm on a cold day, and it stands to reason that EUREKA Plaster

Board, with its two thicknesses of good quality heavy fibrous paper, is impervious to the severest weather. As a fuel saver alone, if it had no other merits, EUREKA Plaster Board would pay for itself in a season or two.

THE MOST ECONOMICAL

Besides being a fire-resistant, a sound-deadener and a non-conductor of heat and cold, EUREKA Plaster Board actually is much cheaper than the old-fashioned method of construction, and combines many advantages which are not obtained with lath and plaster. It can be put on in just one-third the time required for lath and plaster. And further than this, EUREKA Plaster Board makes by far the most enduring walls and will last as long as your building stands.

MAKES A PERFECT BOND WITH PLASTER

There is a firm grip to EUREKA Plaster Board, even firmer than the clinch on metal or wooden lath. The adhesion is perfect. For this operation it is not necessary to moisten the wall, therefore, a big saving in labor is effected; also, you do not have to wait a long time for your walls to dry out.

NO WASTE

Every inch of EUREKA Plaster Board can be used. It cuts with a smooth, even edge and positively will not crack in sawing or nailing.

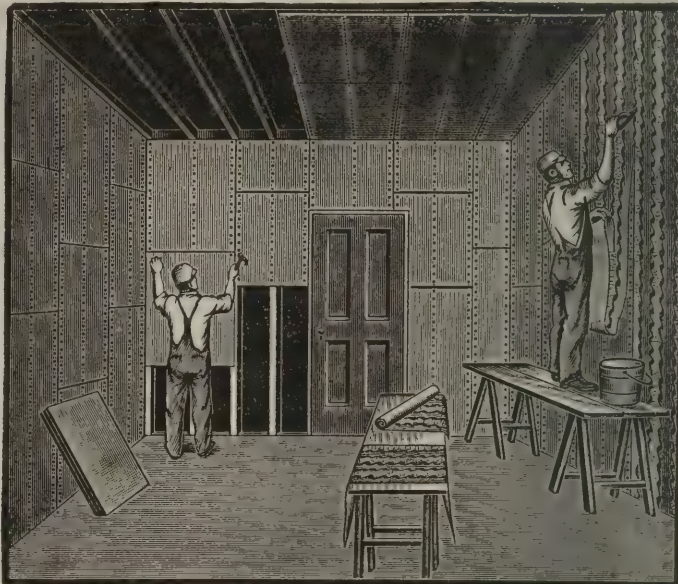
MANY USES

Without Plaster You can put wall paper or burlap right over EUREKA Plaster Board and have the coziest, most comfortable kind of rooms. When papered over, best results are obtained by filling the joints smooth with plaster.

Ordinary Kalsomine or Paint can be applied directly to the surface of EUREKA Plaster Board, making a good finished wall without the use of plaster, at almost one-half the cost of lath-and-plaster wall.

With Plaster When the highest grade of work is required, first apply a one-fourth to three-eighths inch brown coat of any good brand of hard wall or wood-fibre plaster over EUREKA Plaster Board, and then, after this has thoroughly set, top it off with a thin coat of finishing plaster. On account of the added weight of the plaster it is advisable sometimes to put in cross pieces between the ceiling joists for extra nailing strips. This is not necessary on the side walls, except to give support where most needed, say about the first joint from the floor.

For Repair Work EUREKA Plaster Board can be nailed directly on to the old lath, in a building where you wish to repair.



Easily Applied The picture shows how simple is the process of putting EUREKA Plaster Board on the walls and ceiling. It is nailed directly to the studding and ceiling joists. It cuts as readily as a board and leaves an even edge without cracking. Can be put on by anyone who knows how to swing a hammer.

Sheets are 32x36 inches and are nailed directly to studding, set 16-inch centers. Spacing—space boards ¼-inch apart, breaking joints. For Nailing use 1¼-inch wire nails with small shank and large heads, spacing nails 4 to 6 inches apart. For Cutting, use ordinary cross-cut saw.

We are giving prices per sheet and per square. A "square" is 100 square feet, or enough to cover a space 10 ft. x 10 ft.

Catalog No.	Size	Price per Sheet	Price per Square
22P2201	32x36	\$0.18	\$2.15
22P2202	32x72	.40	2.45
22P2203	36x72	.44	2.45
22P2204	48x72	.59	2.45
22P2205	48x84	.77	2.75
22P2206	48x96	.88	2.75
22P2207	48x108	.99	2.75

Shipped either from our Chicago stock, or Southern Michigan Factory.

22P2208. Crack Filler Cement, per lb.....\$0.03
Shipping weight of any of the above, 150 pounds to the square.

Get our Special Metal and Prepared Roofing Catalog

HARRIS BROTHERS COMPANY
35th and Iron Sts. Chicago

FREE— 4 PAGE
COLORED PAMPHLET

"Ceil-Tite" Wall Board

FREE SAMPLE
Mailed Upon Request

IT IS

DAMP PROOF
COLD PROOF
SOUND PROOF
VERMIN PROOF
FIRE RETARDING
WEAR PROOF

Absolutely
THE BEST
BOARD OF ITS
KIND ON THE
MARKET TODAY

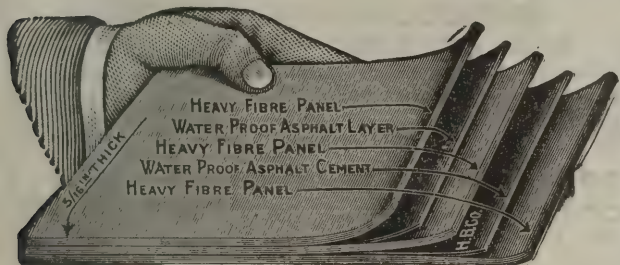
Strongest
and Most
Durable



An artistic interior—using "CEIL-TITE" Wall Board

FOR
CEILINGS
WALLS
LINING
BASEMENT
ATTICS
BARN
GARAGES
DAIRY
BUILDINGS
POULTRY
HOUSES
ETC., ETC.

NO DIRT
PUT ON IN ONE-
TENTH THE
TIME OF PLAS-
TER—WITHOUT
ONE
HUNDREDTH
PART OF THE
DIRT AND FUSS—
ALL FOR MUCH
LESS COST



"CEIL-TITE" CONSTRUCTION

Vermin Proof Vermin and germs will not nest and breed in CEIL-TITE Board, due to the presence of asphalt which is a disinfectant. Plaster harbors vermin and therefore is insanitary.

Many Uses CEIL-TITE Board is the most durable and artistic material on the market for finishing new or remodeling dwellings throughout—also never needs replacing.

Permanence CEIL-TITE Board, on account of the tough fibre used is guaranteed to have less contraction and expansion than any similar board that used on imitations, our fibreboard being of long, woody stock. It is unaffected by cold or heat by actual tests.

Application CEIL-TITE Board is applied directly to the studding and joists. Headers should be placed not over five feet apart and also that all four edges of the board may be nailed securely. The ceiling boards should be applied first and reach clear to the wall studs, permitting the wall sheets to fit up snugly under them. Flat Head or Box Nails and Bung Head or Casing Nails should be used. Size for direct application, 1 1/4 inch. For applying over old plaster, 2 inch nails should be used, nails to be placed not more than 2 inches apart in both cases.

Fire Retarding CEIL-TITE Board retards the progress of fire and resists heat to a degree of high intensity. It will remain rigid and firm in place up to the time that the fire is beyond control and does not pull away or crack, thereby offering leeway to the flames as does plaster.

VALUABLE INFORMATION

Construction CEIL-TITE Board is composed of three heavy sheets of fibre board, united by walls of asphalt waterproofing compound, the total forming a firm and rigid sheet, 3-16 inch total thickness. Furnished in GRAY color both sides or TAN one side and GRAY the other—all at same price.

Sizes CEIL-TITE Board does not require unsightly strips close together, as we are offering you the greatest selection of sizes that have ever been offered on the market; sheets as long as 16 feet, which is longer than most rooms ordinarily are in length and certainly longer than the width of almost any room. Beautiful effects for beam ceilings and side walls can be had. For instance—if your room is 16x16, you can buy the 16 foot length sheets, place a beam at every joint and thus have a perfect ceiling.

Waterproofing CEIL-TITE Board is impervious to water, moisture and dampness as it is impossible for moisture to penetrate the two inner sheets of asphalt thereby insuring dry, healthy rooms regardless of outdoor conditions.

Non-Conductive CEIL-TITE Board is a non-conductor of sound, heat or cold and possesses greater tensile strength than plaster and will not disintegrate.

Decoration CEIL-TITE Board offers unlimited opportunities for artistic decorations. It can be papered, tinted, panelled, stenciled, enameled, frescoed or painted with oil or water colors. Many artistic panel designs may be obtained by its use; or the joints between the sheets of board may be filled with a crack filler, as well as the depressions over the nail heads, leaving a smooth surface over which to apply the decoration. After the filler has set three or four days, scrape it off smooth, then give it a coat of shellac. It is recommended however, to get the most satisfactory job, to use panel strips over the joints, that's why we have special low prices on same below.

Shipments We guarantee safe delivery in good condition. The shipping weight is approximately 80 pounds per 100 square feet.

WALL BOARD TAPE

Ceil-Tite Joint Tape will give you an entirely smooth surface on your walls and ceilings. Tape is intended for use when you paper over the wall board.

Joint Tape is made of strong, tough kraft paper, heavily gummed on one side. Comes in rolls 100 lineal feet; 1 1/2 inches wide.

22J1740. Plain Finish Joint Tape, 1 1/2 inches wide.

Price, per roll of 100 lineal feet.....15c

Prices Plain Gray or Tan Finish Ceil-Tite Wallboard.

Order by Number	Width, Inches	Length, Feet	Sq. Feet per Sheet	Price per Sheet in Lots of 20 sheets or more	Weight per Sheet
22J2101	32	6	18	\$0.38	13
22J2102	32	7	18 1/2	.44	15
22J2103	32	9	21 1/2	.48	17
22J2104	32	9	24	.54	19
22J2105	33	10	26 1/2	.61	21
22J2106	32	11	29 1/2	.68	23
22J2107	32	12	32	.72	26
22J2108	32	14	37 1/2	.86	30
22J2109	32	16	42 1/2	.97	34

Prices Quoted Are F. O. B. Chicago or Ohio Factory.

Order by Number	Width, Inches	Length, Feet	Sq. Feet per Sheet	Price per Sheet in Lots of 20 sheets or more	Weight per Sheet
22J2110	48	6	24	\$0.55	19
22J2111	48	7	28	.64	22
22J2112	48	8	32	.73	26
22J2113	48	9	36	.82	29
22J2114	48	10	40	.90	32
22J2115	48	11	44	.99	35
22J2116	48	12	48	1.08	38
22J2117	48	14	56	1.30	45
22J2118	48	16	64	1.49	51

Ceil-Tite Putty, No. 22H1630. The Best. 1 lb. can, 23c per lb.; 5 lb. cans, 18c per lb.; 10 lb. can, 16c per lb. One pound will cover from 125 to 150 lineal feet of joint, including nail depression. This Ceil-Tite Putty or "Crack Filler" is good for cementing joint or filling cracks of any kind.

Wood Panel Strips When Ordered Separately. No. 22H8282. Size 5/16x1 1/4 in., clear yellow pine, per 100 lineal ft., 54c.

No. 9H1039. Ceil-Tite Shellac, per pint.....24c per quart.....42c

No. 2H4005A. 1 1/4 in. Box Nails, per lb.....\$0.04
No. 2H4005. 1 1/4 in. Casing Nails, per lb......04
No. 2H4005A. 2 in. Box Nails, per lb.....\$0.04
No. 2H4005. 2 in. Casing Nails, per lb......04

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago.

Lowest Prices On Doors, Millwork And Interior Trim Of All Kinds

95

"PRESTO-UP"

READY-BUILT GARAGES

Sectional—Portable—Permanent

(PRESTO-UP SYSTEM—Patents Pending)



PRICES:

No.	Size	Price
38-K-912.	9 ft. x 12 ft.	\$ 69.00
38-K-914.	9 ft. x 14 ft.	79.00
38-K-916.	9 ft. x 16 ft.	83.00
38-K-1014.	10 ft. x 14 ft.	84.00
38-K-1016.	10 ft. x 16 ft.	99.00
38-K-1018.	10 ft. x 18 ft.	109.00
38-K-1214.	12 ft. x 14 ft.	99.00
38-K-1216.	12 ft. x 16 ft.	108.00
38-K-1218.	12 ft. x 18 ft.	115.00

A new and wonderful invention—guaranteed from foundation to roof—wind and weather proof. These Presto-Up built Sectional and Portable or Permanent Garages are the most wonderful buildings of their kind made today. They are built under the unique and original Presto-Up System, (patents pending). Just as strong or stronger than a permanently built building—as handsome and satisfactory in every way, with the many added advantages of an easily handled and perfect portable building. Invisible joists. Does not look like a sectional building. Can be erected by any one within two or three hours. Taken down and put up as often as you like without damage. Guaranteed roof and roofing. Guaranteed non-sagging doors. Lumber practically all clear. All exposed lumber Oregon Fir, that will last as long in the weather as any wood in use today. Painted one coat of medium gray. All inside uprights and cross members flush, so that you can easily line the interior with wall board. Note the decidedly low prices at the left. See the unusual big savings which are yours if you buy your garage under the economical Presto-Up System. Order yours today, or send for our Presto-Up Pamphlet No. 38-BM-1. Delivered price on application. |

Quick Shipments Direct from Chicago

THE "ADJUSTABLE" FLOOR SCRAPER \$19.75

OUR GUARANTEE Five days are allowed for a thorough test. If the "Adjustable" does not do all we claim, send it back and we will return your money, paying freight both ways.

INTRODUCTORY OFFER \$40 SCRAPER FOR \$19.75

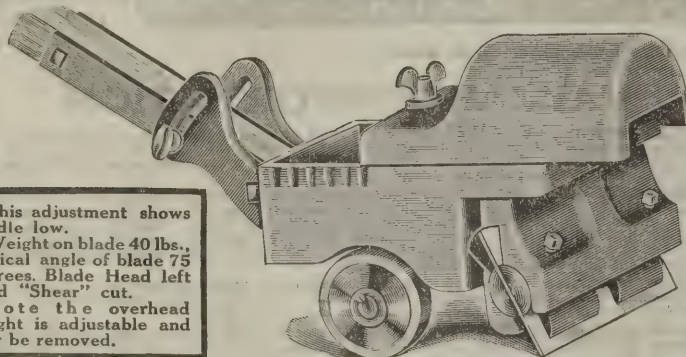
Our object in making this special offer is to introduce the best Scraper that brains and modern ingenuity can devise, and place them where they will show the best results, at a price that is within the reach of all. Remember, this offer is for a limited time only.

This machine is regularly sold on the market for \$40. Through an exceptionally fortunate buying arrangement we are able to offer it to the public at a discount of over 50% from the usual market price. You reap the benefit of this saving.

10-L-1620. "ADJUSTABLE" FLOOR Scraper \$19.75

The "Adjustable" Scraper can be used by anyone. It is a Quality Machine. It is strong, durable, simple in construction, easy of operation and adaptable to any kind of practical floor scraping. It can be adjusted to suit the convenience of the operator. The blade can be adjusted to any vertical or lateral angle to the floor. The overhead weight is adjustable and may be removed.

This adjustment shows handle low. Weight on blade 40 lbs., vertical angle of blade 75 degrees. Blade Head left hand "Shear" cut. Note the overhead weight is adjustable and may be removed.



weight can be adjusted so that anywhere from 30 to 40 pounds of pressure rests directly on the blade, will scrape right up in the corners, close to the moulding along the wall, and do perfect and rapid work on hard or soft wood floors, old or new. Simply push and pull the machine forward and backward in an easy, natural way. Under a uniform pressure, an absolutely true and even cut is insured, leaving a perfectly smooth surface.

The iron wheels have rubber tires; are mounted on a split axle, so that each wheel operates and any corners or angles can be turned without marking the finished surface. The weight of the machine is 125 lbs. The blades are 8 inches wide and are made of Disston's Saw Steel—the best blade material manufactured. With each machine we send complete instructions for same. In addition, we also furnish six Blades, Burnisher and Wrench, all guaranteed against defective workmanship. Extra blades furnished at 22c each.

PAYS FOR ITSELF! The time you save in wages pays for the machine in a very short while, you can make some easy money on the side by taking odd jobs. You don't take any chances. All that we ask is that you give it a fair trial and if it does not do all we claim for it, send it back and we will return your money, paying freight charges both ways. The machine must be returned not later than five days after you have received it. This will give you sufficient time to give it a thorough test.

Don't confuse the "ADJUSTABLE" with any other Scraper on the market. The "ADJUSTABLE" is in a class by itself. We are using a number of them right here in our own plant, so if they did not do all we claim we would not be using them ourselves.

THE "ADJUSTABLE" WAY



FROM TESTIMONIAL "I did more work in two hours with the "Adjustable" than an entire gang of six could do in one day by hand."

\$6 We Handle Flooring of All Kinds.

\$3.75 For a \$10 "Adjustable" Sander Attachment

This Sander is to be Used in Connection with the Above Scraper, and by simply removing the blade can be attached ready to use. It is adjustable to any angle and a straight or diagonal stroke may be used. The weight adjustment also can be used for light or heavy pressure as desired. By running this over the floor a few times it gives it a perfectly smooth surface, and in one-quarter the time it usually takes it is ready for finishing. We suggest that you include one of these with your order for Scraper, so that you can complete your job ready for finishing. Our binding guarantee also protects you on this if you are not satisfied.

{No. 10-L-1621.
"Adjustable"
Sander
Attachment.



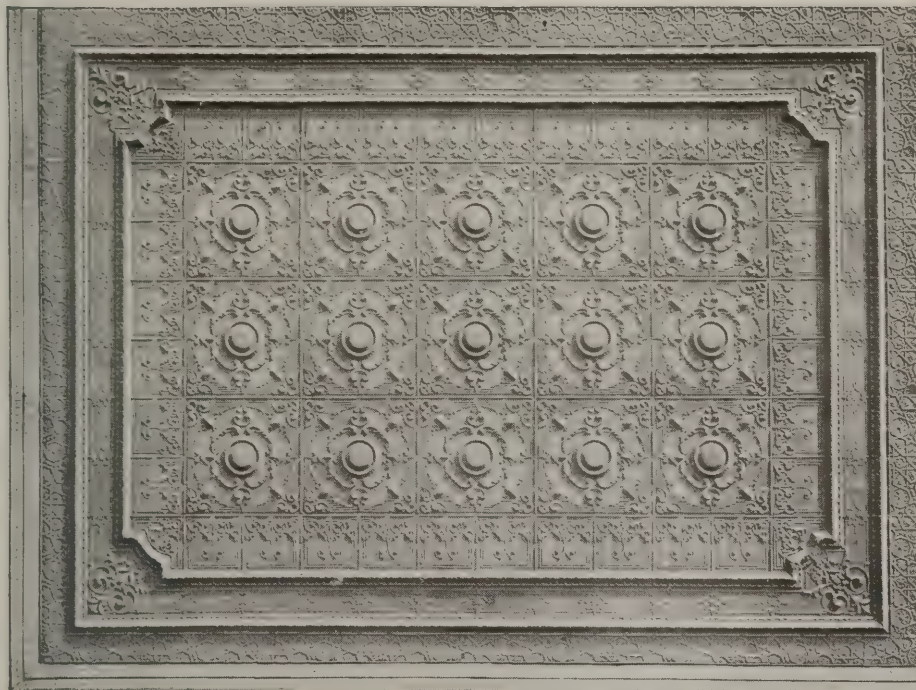
Illustration shows Sander attached ready for use.

Big Stock of Lumber
in Our Chicago Yard.

HARRIS BROTHERS CO.
35th & Iron Streets, Chicago.

ORNAMENTAL STEEL CEILINGS

For Halls, Churches, Stores, Lobbies, Residences, Offices, Restaurants, Hotels, Lodge Rooms, etc.



“Turkish”

Design No. 7-BM-1272

Cornice—4 inches deep and 4 inches projection.

Filler—width varies.

Double Moulded Border Plate—24 inches wide with ornamental corners 24x24 inches to match.

Field Plate—stamped in sheets 24x48 inches with figures in 24 inch multiples.

We recommend a larger cornice for store ceilings.

Add 1 foot to the length and width of your rooms when estimating the number of squares to be covered.

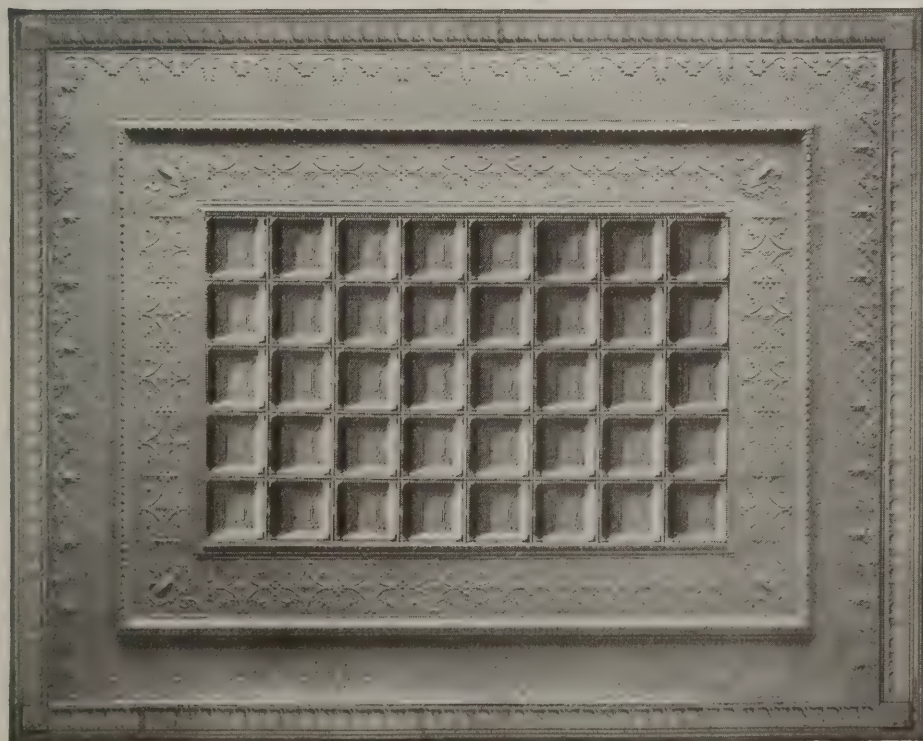
The following prices include all the necessary ceiling plates, cornices, fillers, nails, wood brackets and blue prints for erecting:

Design No. 7-BM-1272

Price based on room 15x20 feet and larger. Per 100 sq. ft..... \$4.50

Price based on room 20x40 feet and larger. Per 100 sq. ft..... 4.30

Price based on room 25x60 feet and larger. Per 100 sq. ft..... 4.10



“Gothic”

Design No. 7-BM-1217

Thoroughly in harmony with the characteristics of this style of architecture.

Cornice—4 inches deep and 4 inches projection.

Filler—width varies.

Molded Border Plate—18 inches wide with corner plates 18x18 inches to match.

Field Panels—stamped in sheets 24x48 inches showing 8 small panels 12x12 inches to the sheet.

We recommend a larger cornice for store ceilings.

Add 1 foot to length and width of your room when estimating number of squares in ceiling.

We send blue prints with the aid of which any one can easily put up the ceiling.

Prices include all ceiling plates, cornices, fillers, nails, wood brackets and blue prints for erecting.

Design No. 7-BM-1217

Price based on room 15x20 feet and larger. Per 100 sq. ft..... \$4.15

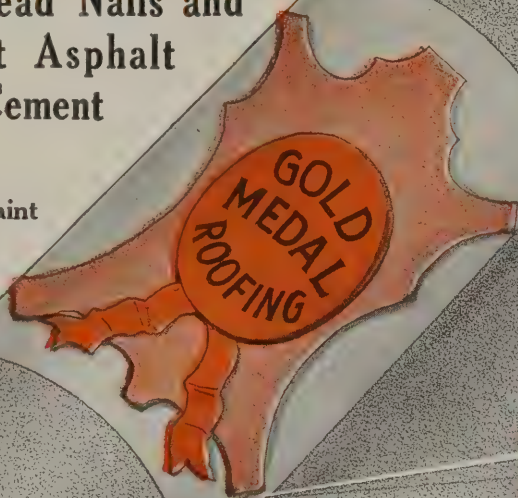
Price based on room 20x40 feet and larger. Per 100 sq. ft..... 3.95

Price based on room 26x60 feet and larger. Per 100 sq. st..... 3.75

FREE!

Large Head Nails and
Sufficient Asphalt
Liquid Cement
to Lay.

Needs No Paint
When First
Laid



RAWHIDE

How Made "Rawhide Stone Faced Gold Medal Roofing" is made from the finest and best long fibre woolen felt obtainable. It is of extra heavy weight and strength. Each of these fibres is carefully and mechanically saturated with the greatest waterproofing compound known to the Roofing World—Pure Asphalt. After the process of Pure Asphalt saturation is completed it is given an additional mechanical treatment requiring great time and care to make it still more waterproof and durable.

Always Gives the
Satisfaction You
Have a Right
to Expect



HARRIS
HOME
E-94

There's
Great
Economy In
These Money
Saving Prices

Freight-Prepaid Prices

No. 13-BM-211. Rawhide Stone Faced "Gold Medal" Roofing, put up in rolls containing 108 square feet, sufficient to lay 100 square feet (one square) complete with large-head nails and cement for laps. Price per roll, freight prepaid to points in

Illinois
Indiana
Iowa
Michigan
Ohio
Wisconsin

\$2.13

Delaware
Dist. of Columbia
Kentucky
Maryland
Massachusetts
Missouri
New York
New Jersey
Pennsylvania
West Virginia

\$2.30

Alabama
Arkansas
Connecticut
Georgia
Kansas
Maine
Minnesota
Mississippi
Nebraska
New Hampshire
North Carolina

\$2.61

North Dakota
Rhode Island
South Dakota
Tennessee
Vermont
Virginia

\$2.61

Louisiana
Oklahoma
Texas

\$2.69

Colorado
Florida

\$3.22

Arizona
California
Idaho
Montana
New Mexico
Oregon
Utah
Washington
Wyoming
Nevada

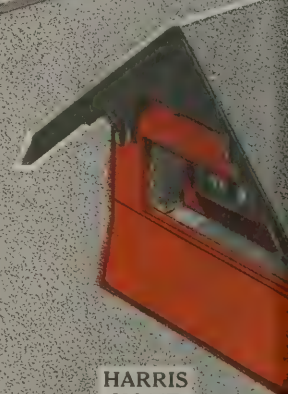
\$3.51

Easy to Lay

No previous experience is needed in laying this roofing. Simple, yet complete instructions are sent with each roll. It can be laid either horizontally or up and down. It requires no painting after it is put on the roof. We furnish all needed supplies, that is, cement for the laps and large headed nails to lay.

Each Roll Complete

We furnish this roofing in one thickness and one weight only, and that the very best. It is put up 108 sq. ft. to roll, each roll contains large-headed nails and cement. It weighs approximately 58 lbs. to the roll. Is 32 in. wide



HARRIS
HOME
E-190

HARRIS BROTHERS CO.

35th and Iron Sts.
CHICAGO

When ordering use the enclosed order blank

STONE
SURFACED

GOLD-MEDAL ROOFING

GUARANTEED FOR 20 YEARS

Here's Our Very Best Prepared Roofing for Every Purpose

IN OUR JUDGMENT Rawhide Stone Faced Gold Medal Roofing will outlast and surpasses in beauty any other Ready Roofing on the market. From the accompanying illustration you can gain a fair idea of the general appearance of this matchless roofing, but it is only fair to say that no picture, however accurate it may be, can begin to do justice to and tell the real story of the toughness, the wear-resisting qualities and the handsome appearance of this roofing. Only from a thorough understanding of how and what it is made, and then by actually seeing it after it has been laid—its marble coat glistening like silver in the sunlight, will you be able to judge fairly its real merits.

Coated with Fine Powdered Marble

The next step in the process of manufacture is to give the roofing a bath of especially prepared high-grade coating which protects the fibres from the weather wear, after which it is coated on both sides with finely powdered marble. This marble coating produces the beautiful appearance shown in the illustration and which is so greatly admired by those who have purchased in the past. This coating also materially adds to the fire-proofing qualities of the roofing.

The Expensive Nature of the coating used to protect the long fibre woolen felt is one of the real causes for its lasting qualities.

Great Care is Used in the manufacture of this roofing, as it is necessary that the fine marble surfacing is so well imbedded into the coating as to make it difficult to remove or rub off this marble effect.

Good for 20 Years

We strongly recommend the purchase of this Roofing, for it will add to the appearance of any building—it is of the highest quality and manufactured from Pure Asphalt—it is far superior and less expensive to apply than shingles or any other kind of Roofing—it will retain indefinitely its beautiful appearance—its water-proof qualities are the best because of the careful refining to which the asphalt and coating is subjected—there is nothing which can be drawn out of the saturation that will discolor the fine marble finish. Our Twenty Year Guarantee Protects You.

Our Legal Binding Guarantee

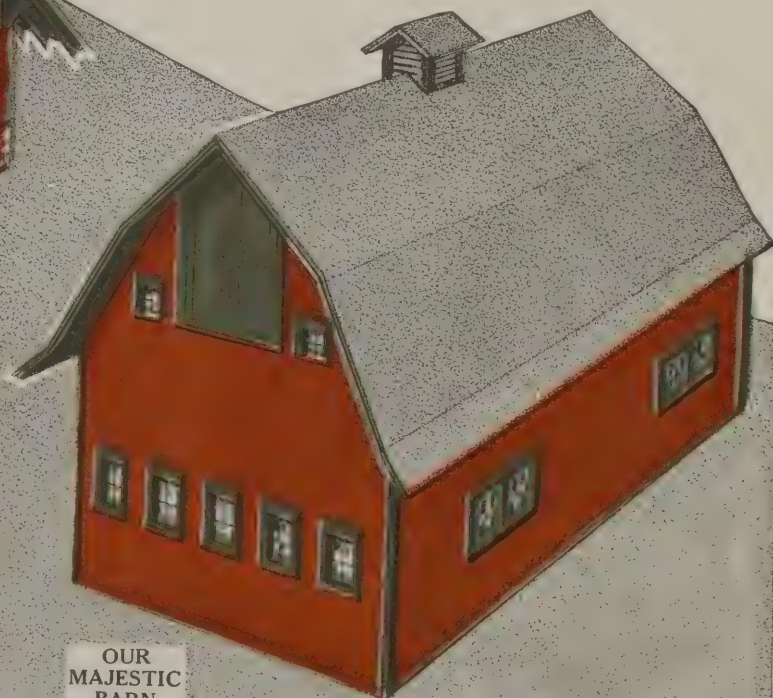
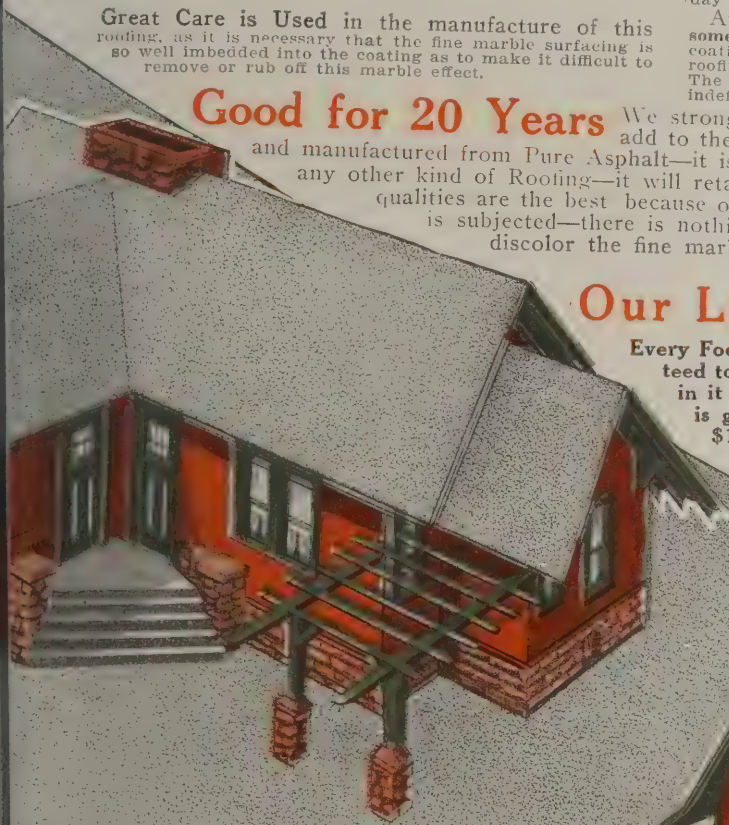
Every Foot—Every Inch of Rawhide Gold Medal Roofing is Guaranteed to be absolutely without a Flaw. You can't find a Weak Spot in it Anywhere. Our Legal Binding Guarantee on this Roofing is good for Twenty Years—Our Guarantee is backed by our \$10,000,000 Capital.

We consider Rawhide Stone Faced Gold Medal Roofing the best and finest ready roofing material that can possibly be used on houses, barns, stores and sheds—in fact on any building where long service is a necessary requirement, where a handsome appearance is desirable and where economy must be given consideration. Indeed, as regards economy, we tell you frankly that, while it is true that you can buy certain grades of ready roofing for a trifle less per square, you cannot, at any price, buy one that will give you as many years of satisfactory wear as will Rawhide "Gold Medal" and for this reason it is in reality the **cheapest** ready roofing you can buy. Read carefully the following description of how this roofing is made.

The Last Word in Roofing Satisfaction

You cannot possibly make a mistake in ordering this best of all ready roofing. Roof your house, barn, sheds or any other buildings with it and you'll be mighty glad, ten, fifteen or twenty years hence, that you had the foresight to buy a roofing that absolutely defies the elements—that cannot rust, rot or leak—that the hottest sun cannot melt, warp or buckle, or that freezing cold, snow, sleet or rain cannot affect in the slightest degree. Lay it smoothly, properly cement and nail the laps and your Rawhide "Gold Medal" Roof will be as tight and snug twenty years from now as the day you put it on.

And don't overlook the important fact that it is as handsome a roof as any one could ask for. While it is true that the marble coating is put on primarily for protection, at the same time it gives the roofing a beautiful appearance to be found in no other ready roofing. The marble coating is so firmly imbedded in the surface that it stays on indefinitely.



OUR
MAJESTIC
BARN

RAWHIDE RUBBER ROOFING

Best Ready Roofing Ever Made—Approved By Underwriters

FIRE-PROOF. HAIL-PROOF. WEATHER-PROOF.

Not Affected By Heat or Cold. Can Be Safely Used In Any Climate. You Take No Chances When You Buy Rawhide Ready Roofing.

There is a reason, and it is not a trade secret, why Rawhide Roofings are superior to all others. You are entitled and we want you to know just how Rawhide roofing is made and why it will outlast all others. All Prepared Roofings are made on a wool felt base, which should be manufactured from woolen rags, but unfortunately felt can be mixed with paper and the cost reduced to the extent of enabling the unscrupulous manufacturer putting out an inferior roofing that to all superficial appearance is as good as honestly made roofing. Such felt will not take as much saturation as an absolutely pure wool felt and lacks the long fibre that gives it wear, resisting qualities and toughness that is so necessary to the life of roofing.

RAWHIDE ROOFING IS AS TOUGH AS ITS NAME

Because it is Made of Pure Wool Felt and Saturated with Pure Asphalt

Pure Asphalt is absolutely necessary to make a strictly high grade lasting roofing. It is here that manufacturers have another chance to lower the grade, and you will only know it when your roof shows early signs of wear and prove generally unsatisfactory. Do not condemn Prepared Roofing on account of having had an experience of this kind. If you have never used prepared roofing or are skeptical, don't pay for experience—it is not necessary. We safeguard your interests. You cannot go wrong if you buy Rawhide Roofing. It is guaranteed to be saturated with pure Asphalt.

Rawhide Roofing contains absolutely no tar, oil or any other substitute for asphalt. Tar cracks in cold weather and melts under the heat of the summer sun. Oil quickly evaporates, leaving the roofing dry and brittle. Therefore, it is bound to buckle and crack. There is no satisfactory substitute for Asphalt.

The appearance of the surface of our Rawhide Rubber Roofing is like rubber. This surface is made by a heavy coat of strictly pure Asphalt being applied to the saturated wool felt and pressed between hot rolls under a great pressure, the surface being exactly the same on both sides.

We control the entire output of Rawhide Roofing and keep close watch to see that not an ounce of inferior material is used. Every car of felt or asphalt is put under the most rigid test and is rejected if found in any way inferior to our standard, which means, one hundred per cent pure.

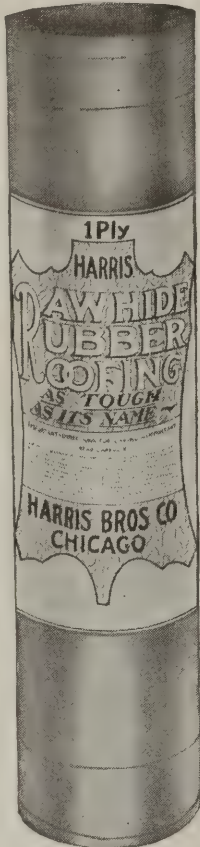
OUR BINDING GUARANTEE

We guarantee that every roll of Rawhide Rubber Roofing is made on an all wool felt base of the highest grade—that it is saturated and surfaced with pure asphalt and does not contain tar. If laid in accordance with our simple directions we will replace without cost to you any Rawhide Rubber Roofing that may prove defective within the following term of years:

1-Ply Rawhide Rubber Roofing, Six Years. 2-Ply Rawhide Rubber Roofing, Nine Years. 3-Ply Rawhide Rubber Roofing, Twelve Years.

We do not impose any impossible conditions. All that is required is that it be laid smoothly and properly nailed and cemented at the laps. Anyone can do this. Our guarantee does not cover any roofing that becomes torn or is blown off by the wind.

Rawhide Roofing will outlast our guarantee by many years. With proper care it will last longer than any other rubber surfaced roofing on the market.



Above Illustration shows Roll of Rawhide Roofing Ready for Shipment.



Rawhide Roofing Furnished Complete No Extra Supplies Needed

Each roll contains 108 square feet, sufficient to cover one square, including laps.

We furnish Free large-head nails and sufficient Asphalt Cement for laps packed securely in each roll.

Send for our roofing samples, Free for the asking. The samples will give you an opportunity to compare the appearance and toughness of Rawhide Roofing with others. You will then be convinced of the truth of our statements. If you like the samples, the roofing will please you better.



Above Illustration shows how we Pack Large Head Nails and Cement in Each Roll of Roofing.

Freight Prepaid Prices on Our Rawhide Rubber Roofing

STATE	1-Ply	2-Ply	3-Ply	STATE	1-Ply	2-Ply	3-Ply	STATE	1-Ply	2-Ply	3-Ply
Illinois.....	\$1.20	\$1.40	\$1.70	Alabama.....	\$1.40	1.73	2.00	Louisiana.....	\$1.45	1.78	2.07
Indiana.....				Arkansas.....				Oklahoma.....			
Iowa.....				Connecticut.....				Colorado.....	1.63	2.02	2.35
Michigan.....				Georgia.....				Florida.....			
Ohio.....				Kansas.....				Texas.....			
Wisconsin.....				Maine.....				Arizona.....	1.79	2.22	2.60
Delaware.....	1.28	1.57	1.79	Minnesota.....				California.....			
District Columbia.....				Mississippi.....				Idaho.....			
Kentucky.....				Nebraska.....				Montana.....			
Maryland.....				New Hampshire.....				New Mexico.....			
Massachusetts.....				North Carolina.....				Oregon.....	2.04	2.55	3.00
Missouri.....				North Dakota.....				Utah.....			
New Jersey.....				Rhode Island.....				Washington.....			
New York.....				South Carolina.....				Wyoming.....			
Pennsylvania.....				South Dakota.....				Nevada.....			
West Virginia.....				Tennessee.....							
				Vermont.....							
				Virginia.....							



Metal Roofing, Siding and Ceiling

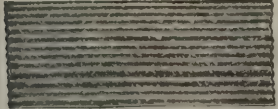
THE BEST AND MOST LASTING COVERING MADE

FLAT STEEL SHEETS.



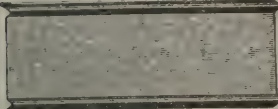
Used for roofing, siding, ceiling and flooring; also lining grain bins.

CORRUGATED SHEETS.



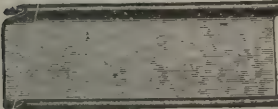
Used for roofing, siding, ceiling and fire proof partitions. Strongest forms of sheet material.

"V" CRIMPED SHEETS.



Used for roofing only. Very simple style and one we recommend.

STANDING SEAM STEEL SHEETS.



Used for roofing on flat roofs or roofs of slight pitch.

Above illustrations are some of the various forms of metal sheets.

See next page for prices.

100 Years' Experience Proves

That Metal Steel and Iron Covering is the best Covering that exists for Roofing, Siding and Ceiling purposes.

The ordinary plain painted sheet iron has been in use for over a century and by every comparison has proved itself the best for all purposes, where full protection combined with durability and economy are sought. It excels all other coverings and is practically without fault.

There are many instances where iron roofs in first class state of preservation now exist, that were laid from twenty to fifty years ago and outside of painting them once every three to five years, have been practically without repair. Of course very much depends on the thickness of the iron and whether the roofing is made of painted or galvanized material. We fully described on the bottom of this page, the painted and galvanized steel sheets.

Its Merits Are Numerous

The particular advantages of the use of Metal Roofing are:

PRICE. Metal Roofing is cheaper than Wood Shingles. Our low prices put it practically on an equal basis with Felt or Tarred Roofing.

ENDURANCE. It is proven by instances on record that Steel Roofing will last as long as fifty years, while the so-called Ready Roofings, now being introduced to the public, have never had an opportunity to prove their value or lasting quality. As compared to Ready Roofing, whether rubber surfaced or felt, cost considered. Metal Roofing will outlast it five to one.

Furthermore, Patents Prepared or Composition Roofing cracks and curls with age and Tarred roofings rot and spoil. Most Ready Roofings soften in the warm air or sunshine and stick to your feet when walked upon.

FIRE PROOF. While a great many fires originate on a wood shingle roof or a felt roof, Steel Roofing is fire proof. This special point is reason enough to show the vast superiority of Steel Roofing.

LIGHTNING PROOF. The use of Metal Roofing is strongly advocated by underwriters. A building covered with iron or steel, struck by lightning, has never been known to be damaged. The reason for this is the bolt striking the metal scatters the electricity and this leaves no damaging effects whatever. Farmers who require a good roof on their barn ought to appreciate this. Take it as a rule, their barns are full of grain and hay at certain seasons of the year and cannot always be covered by insurance.

SIMPLICITY OF LAYING. Steel Roofing is easy to lay, requiring no experience. We illustrate on the following pages the simple manner of laying the different styles of Steel Roofing. Except in the case of the Standing Seam Roofing, no tools beyond an ordinary hatchet or hammer are required.

Slate Roofing requires a steep pitch and a heavy, expensive structure to support it. It weighs almost seven times as much as steel Roofing. It breaks in freezing and thawing and from heat of nearby fires. It costs twice as much and is exceedingly expensive to keep in repair.

BRICK STEEL SIDING.



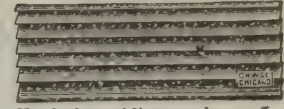
Used for siding only. After applied gives the same appearance as Philadelphia pressed brick.

BEADED CEILING AND SIDING.



Used for ceiling; also siding. Gives a splendid appearance.

WEATHER BOARD STEEL SIDING.



Used for siding only. Looks exactly like wood weather board, sometimes called clap-boards.

STEEL SHINGLES.



Used for roofing and siding. Comes in sheets and easily applied. A splendid roof or siding.

Above illustrations are some of the various forms of metal sheets.

See next page for prices.

WHICH TO USE? UNPAINTED, PAINTED OR GALVANIZED STEEL SHEETS.

Unpainted Steel Sheets or Plain Surface are the bare sheets, just as when rolled at the rolling mill and generally used when our customers wish to coat them with white wash or a special color of paint.

Painted Steel Sheets are the plain surfaced sheets covered with a heavy coat of pure red-oxide mineral paint. They are the standard of metal roofing and good enough for all ordinary purposes.

Galvanized Steel Sheets are rust proof. They are plain or unpainted sheets covered with a coating of zinc and tin, which makes the sheets lasting and permanent. (See description below.)

WE RECOMMEND GALVANIZED STEEL SHEETS; "THEY ARE RUST PROOF."

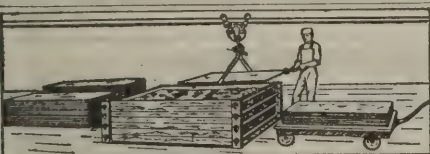
From over thirty years practical experience in the metal roofing trade and having seen roofing of various forms under the most critical tests, we unhesitatingly recommend to our patrons Galvanized Rust-Proof Steel Roofing, in preference to the unpainted or painted steel roof and advise our patrons by all means to buy the galvanized.

HOW OUR STEEL SHEETS ARE GALVANIZED.

To our many customers, who are not familiar with the galvanizing process, we deem it best to herewith give a brief description with a crude illustration how steel sheets are galvanized.

Steel Sheets when in the process of being rolled to proper thickness, accumulate more or less scale which adheres to the sheet and in time peels off and naturally after the sheet has been painted it will carry away the coating when a scale peels off after a roof is laid, so the steel sheets before galvanized are placed in a tank, containing a solution of sulphuric acid and water which pickles the sheets and removes all the scales and foreign substances and any surface rust that might have accumulated, cleaning the sheet so that the pores in the metal are open.

The next process is taking the sheets from the pickle vat, washing them off in a tank of clean water, removing any traces of acid from the pickling process.



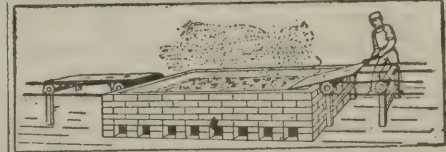
Above shows the method of pickling or removing the scale from steel sheets; but for lack of room we do not illustrate the washing of sheets or emerging in the bath of muriatic acid.

The third operation is placing the washed sheets into a vat containing a solution of muriatic acid which acts as a flux or a binder when the sheet is being coated with spelter, that is being galvanized.

The fourth operation is drying the sheet after being dipped in the muriatic acid bath.

In the fifth operation the sheet is dipped into a pot or tank containing a molten body of spelter (which is zinc) and a small percentage of pure tin, which sinks into the pores and readily adheres to the steel sheets, result being that the steel sheets get a heavy coating of this anti-rust metal, viz; spelter and tin, spelter being a form of zinc. When the steel sheet comes from the bath and strikes the air, it gets a spangled and bright appearance. After the sheets are taken from the bath of molten metal, they are patent leveled which removes all buckles.

As described above, all our steel sheets are heavily galvanized by the hand, old style process, which gives a very heavy and absolutely the best coating.



The galvanizing pot containing molten metal; heated to about 630 degrees Fahrenheit, into which sheets are dipped and coated.

SEE FOLLOWING PAGES FOR SIZES AND PRICES

HARRIS BROTHERS CO.
35th & Iron Streets, Chicago.

We Guarantee Everything to Be as Represented.

101



CORRUGATED

RED PAINTED ROOFING

Light
Weight
Sheet

\$ **1.29** Per
100
Sq. Ft.

THIS CORRUGATED ROOFING THAT WE OFFER AT \$1.19 PER SQUARE, is our light weight, small sized sheet covering. It is new and free from defects. Sheets are all 22 in. wide by 24 in. long and is 1 1/4 in. corrugated. It is unpainted. Our prices quoted are for 100 square feet, not including lap, and note carefully that at this price we do not pay the freight. Our quotation is delivered on board cars at Chicago. Do not be confused by our freight prepaid offers published elsewhere in this catalog, or in our advertisements and literature.

In ordering this lot mention **7-BM-16. Per 100 Square Feet F.O.B. Chicago. \$1.29**

READ THIS SPECIAL FREIGHT PREPAID OFFER

Our two best selling grades of roof covering, namely, our No. 10 painted and unpainted, and our No. 18 rust proof, galvanized material. They are both guaranteed brand new, and first-class in every particular.

Our No. 10 Steel Covering Used for roofing, siding, ceiling, flooring and lining purposes. Light in weight, but made of best quality material. Comes painted red on two sides as well as unpainted. Price is per square flat measurements and does not include lap. Comes in flat, corrugated, "V" crimped, standing seam brick siding and beaded ceiling or siding. Price per square as follows: Flat sheets, size of sheets, 24 in. wide by 6 or 8 ft. long..... \$2.55
In ordering mention Lot No. 7-G-10-F.
1 1/4 in. Corrugated, "V" crimped, standing seam, size of sheets, 22 in. wide by 6 or 8 ft. long..... \$2.65
In ordering mention Lot No. 7-G-10.
NOTE:—We will furnish unpainted any of the above sheets at a reduction of 10c per square. Be sure to designate style wanted.

Our No. 18 Grade-28 Gauge Galvanized Standard Weight

Use for roofing, siding or ceiling; furnished in flat and other styles in various widths and in lengths up to and including 10 feet. Flat Sheets..... \$4.40
Corrugated Sheets in 1 1/4 or 2 1/2 inch corrugation—"V" crimped or standing seam style..... \$4.50

Be Sure and State the Style You Want

Something Special Grade No. 17—Brand new Light Weight Galvanized, 1 1/4 inch Corrugated Sheets; 22 inches wide, by 5, 6 and 7 feet lengths. Price per 100 square feet..... **\$4.40**
NOTE:—Above prices do not include side or end laps. Add 10 per cent to surface measurements for laps.

Galvanized Ridge Roll—Corrugated Apron

Made to be used on Corrugated Iron Roofs, size of Corrugations 1 1/4 and 2 1/2 inches. In ordering be sure and state width of corrugations. Comes in 10-ft. lengths. We do not furnish cut lengths.



	Size of Roll Inches	Width of Apron Inches	Girth Inches	Price per 10-ft. Lengths
7-BM-519.	2	2 1/2	10	65c
7-BM-521.	3	3 1/2	14	75c

Galvanized Ridge Roll—Plain Apron

A neat, water-proof cap for the ridge roofs. Is made in 10-foot lengths and can be used on shingles or any other kind of roofing. We do not furnish cut lengths.

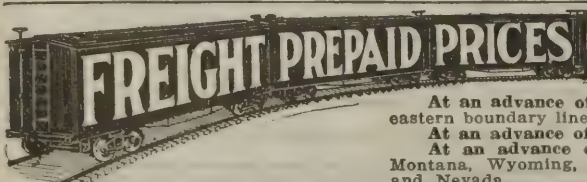


	Size of Roll Inches	Width of Apron Inches	Girth Inches	Price per 10-ft Lengths
7-BM-513	1 1/2	2	8	27c
7-BM-515	2	2	10	30c
7-BM-517	3	3 1/2	13	50c

Extras for "V" Crimped Roofing

Above prices are without nails, lead washers or paint. We charge extra, viz:
Lot 7-BM-600—Nails, sufficient to lay 100 square feet of roofing. Price per square..... 5c
Lot 7-BM-601—Lead Washers, quantity sufficient to lay one square. Price per square..... 10c
Lot 7-BM-602—Wood "V" Sticks for use in applying 2 "V" Crimped Roofing. Price per square..... 10c

Lot 7-BM-603—Wood "V" Sticks for use in applying 3 "V" Crimped Roofing. Price per square..... 20c
Lot 7-BM-605—Dry Mineral Paint, Red, quantity sufficient to cover one square. Price per square, prepaid with your roofing..... 3c
Lot 7-BM-607—Ready Mixed Roofing Paint, in buckets of 5 to 10 gallons, red or black. One gallon is sufficient to cover 200 square feet of surface, one coat. Price per gal. in quantities of 5 gallons or more..... 45c



Special Freight Prepaid Offer

Provided your order is for at least 200 square feet (two squares) of our No. 10 or No. 18 grade of roofing at the prices quoted above, the freight is prepaid by us in full to all parts of the United States east of the Mississippi River. At an advance of 10 cents per square we will prepay the freight to all points lying between the eastern boundary line of the State of Colorado and the Mississippi River, except Oklahoma and Texas. At an advance of 25 cents per square we will prepay the freight in full to Oklahoma and Texas. At an advance of 50 cents per square we will prepay the freight to any point in states of Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Washington, Oregon, California and Nevada.

Brick Siding and Beaded Ceiling Sheets

Have a "Brick" Building at a Small Cost

This material which is used for siding only, is pressed from the best grade of open hearth steel of various weights into an exact imitation of a brick wall and when applied to the studding—or, preferably, to the sheathing of a building, you have a structure that can scarcely be distinguished from genuine brick. The size of each single brick is 2 1/4 x 8 1/2 inches, there being about 5 bricks to each sheet 24x60 inches. Because of this close resemblance to real brick and also on account of its durability, weather-proof and fire-proof qualities and its low cost, brick siding is very extensively used on houses, stores, warehouses, factories, halls, public building, etc., and its use gives splendid satisfaction.

We strongly advise the painting of this material, as a coat of good paint will add many years to its life. For this purpose we recommend our specially prepared Ready Mixed Roofing Paint quoted below. We also recommend the use of our galvanized barbed nails and lead washers quoted under "Extras."

PRESSED BRICK SHEET STEEL SIDING

Painted or Galvanized

Absolutely fire-proof. Gives the appearance of Philadelphia Pressed Brick. Size of each single brick is 2 1/4 x 8 1/2 inch.



The Only Tool Needed is a Hammer or Hatchet

Used on Houses, Stores, Factories and Public Buildings



Lot No. 10-BM —Pressed Brick Unpainted Steel Sheets, Light Weight. Sheets are usually 24 in. wide by 60 in. long. Price per 100 sq. ft.	\$2.55
Lot No. 10-BM —(Same as Lot No. 10-BM Painted.)	Except
Price per 100 sq. ft.	\$2.65
Lot No. 12-BM —Pressed Brick Unpainted Steel Sheets, EXTRA HEAVY Weight. Sheets are usually 24 in. wide by 60 in. long. Price per 100 sq. ft.	\$3.05
Lot No. 12-BM —(Same as Lot No. 12-BM Painted.)	Except
Price per 100 sq. ft.	\$3.15
Lot No. 18-BM —Pressed Brick "Galvanized Rust Proof" Steel Sheets, STANDARD Weight. Sheets are usually 24 in. wide by 60 in. long. Price per 100 sq. ft.	\$4.60

SPECIAL: Grade No. 17 —Galvanized Brick Siding Sheets; 24 inches wide by 60 inches long; light weight. Price, per 100 square feet. \$4.50



Lot 7-BM 611 PILASTER

Lot 7-BM 610 CORNER FINISH Each face 13 in. wide wide, height usually 24 in. Price, each, Unpainted, 24c; Painted, 28c; Galvanized, 36c	
Lot 7-BM 611—Plaster face 13 in. wide as shown in right hand illustration. Price each, Unpainted, 25c, Painted, 29c; Galvanized, 37c	

NOTE: The above prices do not include side or end laps. ADD 10 PER CENT to surface measurements for lap.

EXTRAS—Above prices are without nails, lead washers, or paint. We charge extra for these, viz.:	
Lot 7-BM 600—Nails, sufficient to lay 100 square feet of roofing. Price per square.	5c
Lot 7-BM 601—Lead Washers, quantity sufficient to lay one square. Price per square.	10c
Lot 7-BM 605—Dry Mineral Paint, Red for quantity sufficient to cover one square. Price per square. Prepaid on this material with roofing.	3c
Lot 7-BM 607—Ready Mixed Roofing Paint, in buckets of 5 to 10 gallons, red or black. One gallon is sufficient to cover 200 square feet of surface, one coat. Price per gallon in quantities of 5 gallons or more.	44c

NOTE: We recommend that the sides of a building be sheathed, although Brick Steel Siding may be applied direct to the studding if so desired. We also recommend the use of a good building paper such as our Rawhide Oiled Insulated Sheathing or Slater's Felt.

Many Uses For This Popular Material

This material is very popular; can be used for both ceiling and interior side walls as well as for exterior siding.

The sheets are beaded—that is they have small corrugations about 1/4 of an inch wide, 1/4 of an inch deep, running the length of the sheet about 3 inches apart, these corrugations adding greatly to the strength of the metal. It is a material that is extensively used on many kinds of buildings, both inside and outside, but mostly in stores, churches, warehouses, mills, boiler rooms, etc., on account of its sanitary and fire-proof features. It makes exceptionally fine garages—better than other kind of sheet metal, and we strongly recommend it for that purpose.

When using this material for ceilings and interior side walls we suggest that you do not use lead washers, because without them you can do a cleaner, neater job. You will only have to be a little more careful in driving the nails so as not to mar the material with hammer blows.

BEADED CEILING AND SIDING SHEETS



The beads or corrugations are 1/4 inch wide by 1/4 inch deep, spaced 3 inches from center to center. Used in stores, factories, halls and public buildings.

Add 10 per cent to surface measurements for side and end laps.

Made of Best Quality Open Hearth Steel

The Only Tool Needed To Lay is a Hammer

Illustration shows a sheet of beaded Ceiling and Siding. The beads are corrugations about 3/4 inch wide by 1/4 inch deep, and spaced 3 inches from center to center.

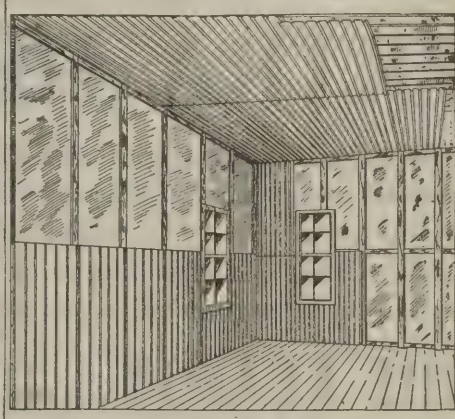
Furnished Painted, Unpainted or "Galvanized Rust Proof"

Lot No. 10-BM —Beaded Unpainted Steel Sheets, Light Weight. 22 inch wide, in 2, 3, 4, 6, 7 and 8 feet lengths. Price per 100 sq. ft. . .	\$2.55
Lot No. 10-BM —(Same as Lot No. 10-BM Except Painted.)	Except
Price per 100 square feet	\$2.65
Lot No. 12-BM —Beaded Unpainted Steel Sheets, EXTRA HEAVY. 22 to 28 inch wide, in 4, 5, 6, 7 and 8 feet lengths. Price per 100 sq. ft.	\$3.05
Lot No. 12-BM —(Same as Lot No. 12BM Except Painted.)	Except
Price per 100 square feet	\$3.15
Lot No. 18-BM —Beaded "Galvanized Rust Proof" Steel Sheets, STANDARD Weight, 22 to 28 inches wide. Lengths up to and including 10 feet. Price per 100 square feet.	\$4.60

SPECIAL: Grade No. 17—Galvanized Beaded Sheets. Brand New Light Weight Sheets. 22 inches wide, by 5, 6 and 7 feet long. Price, per 100 square feet. \$4.50

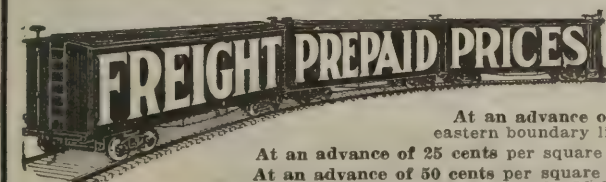
EXTRAS—Above prices are without nails, lead washers or paint. We charge extra for these, viz.:

Lot 7-BM 600—Nails, sufficient to lay 100 square feet of roofing. Price per sq. . .	5c
Lot 7-BM 601 — Lead Washers, quantity sufficient to lay one square. Price per sq. . .	10c
Lot 7-BM 605—Dry Mineral Paint, Red for quantity sufficient to cover one square. Price per square. Prepaid with your roofing. . .	3c
Lot 7-BM 607 — Ready Mixed Roofing Paint, in buckets of 5 to 10 gallons, red or black. One gallon is sufficient to cover 200 sq. ft. of surface, one coat. Price per gal. . .	44c



Interior View Showing How Beaded Steel Sheets are used for both Ceiling and Side Walls—a Clean, Sanitary, Fire-Proof Room.

NOTE—When this material is used for the interior of a store, church or other similar building where it is desired to paint walls and ceilings we suggest you buy the unpainted sheets.



SPECIAL FREIGHT PREPAID OFFER

Provided your order is for at least 200 square feet (two squares) of any of the above roofing at the prices quoted above, the freight is prepaid by us in full to all parts of the United States east of the Mississippi River.

At an advance of 10 cents per square we will prepay the freight to all points lying between the eastern boundary line of the State of Colorado and the Mississippi River, except Oklahoma and Texas.

At an advance of 25 cents per square we will prepay the freight to Oklahoma and Texas.

At an advance of 50 cents per square we will prepay the freight to any point in states of Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Washington, Oregon, California and Nevada.

SPECIAL

BARGAIN ANNOUNCEMENT!

Galvanized ROOFING

\$3⁵⁰
Per
Square

EXTRA HEAVY 24 Gauge \$3⁵⁰

Just received a quantity of EXTRA HEAVY 24 gauge Galvanized Corrugated Roofing. This material is very scarce because of the tremendous demand by the Warring Nations for spelter and galvanized sheets. The market price today for this weight sheet is \$6.00 per square of 100 square feet. We offer our stock until sold at \$3.50 per square. Send your order now—no matter when you intend to use the material!

THE REASON For the Snap Price

These sheets come in average lengths of 4 to 4½ feet, some as long as 6 feet.

They are reclaimed and refinished and are perfectly serviceable. They are furnished only in 2½-inch corrugation. We will paint this stock free of charge with our special red mineral paint which adds to the wearing quality.

ORDER NOW! Supply is Limited

In booking your order, give us the length of your rafters and the size of your roof to enable us to send you the proper proportion of lengths from stock that will work to the best advantage on your roof.

If you intend to use any galvanized roofing during the season, you had better order now at these SMASHED prices.

Order by lot No. 7-BM-1102, EXTRA HEAVY 24 gauge galvanized corrugated roofing, per square of 100 square feet, \$3.50

HARRIS BROTHERS COMPANY, 35TH AND IRON STREETS, CHICAGO

SPECIAL

BARGAIN ANNOUNCEMENT!



Prices Cut in Half **\$1.75**
Per Roll

QUALITY ROOFING

EXTRA HEAVY High Grade

We secured by a fortunate cash purchase a mixed lot of 8,950 rolls of the following Quality Roofings usually sold by others as high as \$4.00 per roll: (1) Extra Heavy Asphalt Slate Coated Roofing, red or gray with a burlap reinforced layer; (2) Extra Heavy Rock Faced Roofing; (3) Extra Heavy Brown Pebble Coat Roofing; (4) Extra Heavy Mineral Surfaced and Double Sanded Roofing; (5) Extra Heavy Mica Surfaced or Mica Flake Roofing; (6) Extra Heavy Red and Gray Slate Coated Roofing on special asphalt saturate felt backing.

Remember! that roofings of these kinds are extra valuable, because of the scarcity of felt and other roofing materials. Now, if ever, is the time to buy, even if you don't intend to build or repair until later.

THE REASON These rolls are
For the Snap Price overruns from large
export orders. No one
but us could possibly
use this lot. Being on the look-out—always—for
snaps for our customers, we purchased this small but
high grade stock at tremendous savings. You get
the benefit of our Price Wrecking Ability. Our prices
to you include only a small profit.

ORDER NOW! All of the above
Supply is Limited brands are of equal
high grade. In send-
ing us your order,
please advise us, first, second and third choice of the
brands quoted above. We will ship as requested
while the stock lasts, and if anything you have se-
lected has been disposed of, we will send you the
nearest brand to your choice according to our best
judgment.

Order by lot No. 13-BM-1104. Miscellaneous EXTRA
HEAVY Roofing at \$1.75 per roll of 108 square feet.

HARRIS BROTHERS COMPANY, 35TH AND IRON STREETS, CHICAGO

Galvanized Eave Trough and Trimmings



Improved Slip Joint Galvanized Eaves Trough

This is the best and most convenient Eaves Trough in the market. It is made of superior quality, heavily galvanized steel sheets, and will not rust. Each length has an improved slip joint at one end so that joints throughout. Any ordinary workman can put up this eaves trough without the aid of a tinner.

When ordering be sure and state whether right or left hand trough is wanted. Right hand trough discharges water at the right hand end of the trough; left hand discharges the water at the left hand end.

This eaves trough is furnished in 10-ft. lengths. We do not supply cut lengths.

7-BM-401. —28-Gauge Galvanized Trough—Standard Weight.					
Size, inches	3½	4	4½	5	6
Wt., per length	4	5	5½	6	7
Price, per length	\$0.30	\$0.33	\$0.37	\$0.39	\$0.47
Price, per crate of 250 feet	7.45	8.15	9.15	9.65	11.65

7-BM-4011. —26-Gauge Galvanized Trough—Extra Heavy.					
Size, inches	3½	4	4½	5	6
Wt., per length	5½	6	6½	7½	9
Price, per length	\$0.39	\$0.42	\$0.44	\$0.48	\$0.54
Price, per crate	9.15	9.95	10.68	11.60	12.90

ADJUSTABLE OUTLET



7-BM-419 Consists of a short piece of about 6 inches of trough, with slip joint on one end, drop outlet soldered on bottom close to the other end.

7-BM-419 28-Gauge Galvanized—Extra Heavy.					
Size, inches	3½	4	4½	5	6
Fitted for Conductor, inch	2	2	3	3	4
Price, each	\$0.10	\$0.12	\$0.13	\$0.14	\$0.15

7-BM-4199 26-Gauge Galvanized—Extra Heavy.					
Size, inches	3½	4	4½	5	6
Fitted for Conductor, inch	2	2	3	3	4
Price, each	\$0.12	\$0.14	\$0.15	\$0.15	\$0.16

END CAP SLIP JOINT

7-BM-421. Made in one piece. Used to close ends of eaves trough and adjustable outlets.

28-Gauge Galvanized—Standard Weight.	
Size	Price, each
3½	5c
4	6c
4½	7c
5	8c
6	9c



7-BM-4211 26-Gauge Galvanized—Extra Heavy.			
Size	Price, each	Size	Price, each
3½	7c	5	9c
4	8c	6	11c
4½	9c		

GALVANIZED CORNER MITRES



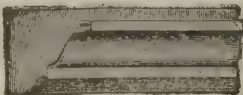
These corners are made with both inside and outside bead. Be sure to order according to number.

29-Gauge Galvanized—Standard Weight.					
7-BM-403. Outside corner slip joint, right hand.					
7-BM-406. Outside corner slip joint, left hand.					
7-BM-407. Inside corner slip joint, right hand.					
7-BM-409. Inside corner slip joint, left hand.					
Size, inches	3½	4	4½	5	6
Price, each	\$0.13	\$0.15	\$0.16	\$0.18	\$0.19

26-Gauge Galvanized—Extra Heavy.					
7-BM-4033. Outside corner slip joint, right hand.					
7-BM-4056. Outside corner slip joint, left hand.					
7-BM-4077. Inside corner slip joint, right hand.					
7-BM-4099. Inside corner slip joint, left hand.					
Size, inches	3½	4	4½	5	6
Price, each	\$0.14	\$0.17	\$0.18	\$0.20	\$0.22

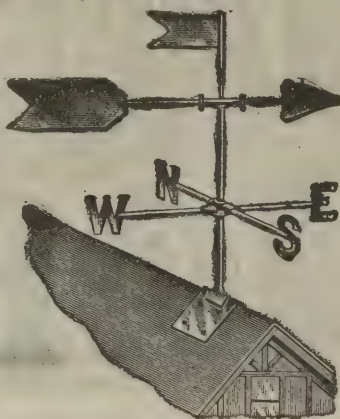
GALVANIZED BOX GUTTERS

Made of No. 28-gauge galvanized steel and furnished in 10 foot lengths, both ends open.



					Price, per
Girth	100 Ft.	Size	Depth	Foot	
7-BM-501. 18-inch	108 lbs.	6-inch	5½	11c	
7-BM-503. 20-inch	120 lbs.	7-inch	6½	13c	
7-BM-505. 24-inch	144 lbs.	8-inch	9	15c	
Extra for any of the above sizes one end closed,					35c

HARRIS EVERLASTING WEATHER-VANE

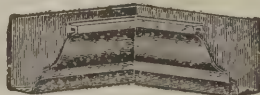


4-BM1360. Here is what thousands of home owners have been waiting for—a light, substantial, everlasting weather-vane. Practical and very ornamental. The weather-vane, by telling which way the wind blows, keeps you posted on the weather of tomorrow. It is substantially built to stand the test of time. Made of galvanized steel, aluminum coated—a neat and durable finish.

Size: Height 18 inches; length of arrow 22 inches. Shipped taken apart—easily assembled in a moment. Complete and ready for use. Shipping weight, 2 lbs.

Price, each.....\$1.35

GALVANIZED BOX GUTTER MITRES



7-BM-507. For 18-inch girth.	Price, each..45c
7-BM-509. For 20-inch girth.	Price, each..53c
7-BM-511. For 24-inch girth.	Price, each..60c

BLOCK FINIALS

7-BM-527. Used in connection with roofing cresting, and can also be used with the 1½ and 2 inch Ridge Roll. Height is 10½ inches. Price, each.....26c



STRAP HANGERS FOR BOX GUTTERS



Be sure to mention girth.
7-BM-122. Each....3c

VALLEY TIN



Made of High Grade Tin Plate in a continuous length, locked and soldered. Full lengths are 50 feet. Will furnish any length desired. Painted one side.

	Width, in.	Wt., per roll	Price, 50-ft. roll
7-BM-529.	14	30 lbs.	\$2.25
7-BM-531.	20	48 lbs.	3.10
7-BM-533.	28	60 lbs.	4.25

GALVANIZED VALLEY

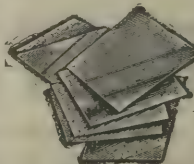
Made of 28-Gauge Galvanized Steel. 14 inches wide. Put up in 25 and 50 foot rolls.
7-BM-535. Length of roll, 25 ft. Price \$2.00
7-BM-537. Length of roll, 50 ft. Price 3.75

TIN SHINGLES AND FLASHINGS

Made of roofing tin. Used for repairing old roofs and making tight joints around chimneys.

7-BM-541. Size 5x7 inches. Wt. per 100 pieces, 11½ lbs.	Price, each.....\$0.01
Price, per 100..	.75

7-BM-543. Size 7x10 inches. Wt. per 100 pieces, 20 lbs.	Price, each...\$0.02
Price, per 100..	1.65



METAL HIP SHINGLES



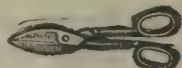
These shingles are much more ornamental than the wood hip caps and are easily laid. Size of shingles, 4x9 inches.

7-BM-415. Painted tin hip shingles.	Price, each.....\$0.02
Price, per 100.....	1.10
7-BM-417. Galvanized hip shingles.	Price, each.....\$0.02½
Price, per 100.....	1.50

TINNERS' SNIPS

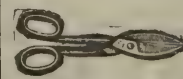
Best quality, Hand forged Tanners' Snips, fully guaranteed.

7-BM-545. 2½-inch cut.	Price, each.....79c
7-BM-547. 3-inch cut.	Price, each.....89c



TINNERS' SNIPS

Cast steel Tanners' Snips. Intended for light work, such as cutting stove pipe or other light sheet iron.



7-BM-549. 3-inch cut.	Price, each.....20c
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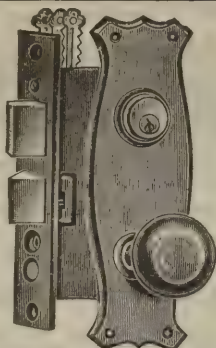
107

DEPENDABLE

BUILDERS' HARDWARE

PRICED LOW

Attractive Edgewater Design Lock Sets



ANTIQUE COPPER \$5.00
LEMON BRASS set
Genuine wrought bronze.
A very popular pattern.

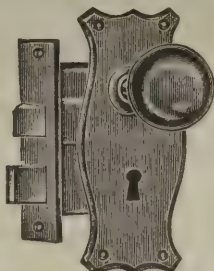
CYLINDER FRONT DOOR LOCK SETS

The Best Cylinder Lock Manufactured

5-pin tumbler cylinder, non-pickable. Lock size $5\frac{1}{2} \times 4$ inches. $2\frac{1}{4}$ -inch knobs. $\frac{3}{8}$ inch swivel spindle. 3 German silver keys. Outside escutcheon $3 \times 9\frac{1}{2}$ inches; inside escutcheon $2\frac{3}{4} \times 7\frac{1}{2}$ inches. Cylinder, bolts, strike, escutcheons and all trimmings are genuine wrought bronze. Reversible for right or left hand doors, $1\frac{1}{2}$ to $2\frac{1}{4}$ inches thick. Complete with screws to match

4-M-3001. Antique copper finish, polished. Price per set..... **\$5.00**

4-M-3003. Lemon brass finish. Price per Set..... **\$5.00**



ANTIQUE COPPER 95c
LEMON BRASS set

A Real Beauty and a Very Popular Inside Door Lock Set. Size of lock $3\frac{3}{4} \times 3\frac{3}{4}$ inches. Escutcheons $2\frac{3}{4} \times 7\frac{1}{2}$ inches. $2\frac{1}{4}$ inch knobs. Nickel plated steel key. Escutcheons, knobs, bolts, strike and trimmings are all genuine wrought bronze. Reversible for right or left hand doors. Complete with screws.

4-M-3009. Antique copper finish, polished. Per Set..... **95c**

4-M-3011. Lemon brass finish. Per Set..... **95c**

WROUGHT STEEL INSIDE DOOR LOCK SETS

As described above, except furnished with bronze plated wrought steel knobs, escutcheons and trimmings.

4-M-3010. Antique copper finish, polished. Price per Set..... **45c**

4-M-3012. Lemon brass finish. Per set..... **45c**

PUSH PLATES
Wrought bronze metal with screws to match. Size $3 \times 9\frac{1}{2}$ inches.

4-M-3021. Antique copper finish, polished. Price each..... **49c**

4-M-3023. Lemon brass finish. Each..... **49c**

DOOR BELLS

Bronze metal plate, $1\frac{1}{2} \times 4$ inches. $3\frac{1}{2}$ inch nickel plated bell, metal gong.

4-M-3025. Antique copper finish, polished. Price..... **69c**

4-M-3027. Lemon brass finish. Price..... **69c**

4-M-3029. Antique copper finish, polished. Price..... **69c**

4-M-3031. Lemon brass finish. Price..... **69c**

4-M-3033. Antique copper finish, polished. Price..... **69c**

4-M-3035. Lemon brass finish. Price..... **69c**

4-M-3037. Antique copper finish, polished. Price..... **69c**

4-M-3039. Lemon brass finish. Price..... **69c**

4-M-3041. Antique copper finish, polished. Price..... **69c**

4-M-3043. Lemon brass finish. Price..... **69c**

4-M-3045. Antique copper finish, polished. Price..... **69c**

4-M-3047. Lemon brass finish. Price..... **69c**

4-M-3049. Antique copper finish, polished. Price..... **69c**

4-M-3051. Lemon brass finish. Price..... **69c**

4-M-3053. Antique copper finish, polished. Price..... **69c**

4-M-3055. Lemon brass finish. Price..... **69c**

4-M-3057. Antique copper finish, polished. Price..... **69c**

4-M-3059. Lemon brass finish. Price..... **69c**

4-M-3061. Antique copper finish, polished. Price..... **69c**

4-M-3063. Lemon brass finish. Price..... **69c**

4-M-3065. Antique copper finish, polished. Price..... **69c**

4-M-3067. Lemon brass finish. Price..... **69c**

4-M-3069. Antique copper finish, polished. Price..... **69c**

4-M-3071. Lemon brass finish. Price..... **69c**

4-M-3073. Antique copper finish, polished. Price..... **69c**

4-M-3075. Lemon brass finish. Price..... **69c**

4-M-3077. Antique copper finish, polished. Price..... **69c**

4-M-3079. Lemon brass finish. Price..... **69c**

4-M-3081. Antique copper finish, polished. Price..... **69c**

4-M-3083. Lemon brass finish. Price..... **69c**

4-M-3085. Antique copper finish, polished. Price..... **69c**

4-M-3087. Lemon brass finish. Price..... **69c**

ANTIQUE COPPER \$1.39
LEMON BRASS set

SLIDING DOOR LOCK SETS

Size of lock $4\frac{1}{2} \times 3\frac{1}{2}$ inches. Escutcheons $7\frac{1}{2} \times 2\frac{3}{4}$ inches.

Escutcheons and all trimmings are genuine wrought bronze.

Single door sets have two flush cup escutcheons; double door sets have four. For flat front doors only. Complete with screws to match.

4-M-3013. Antique copper finish, polished. For Single Doors. Price per Set..... **\$1.39**

4-M-3015. For double doors. Price per Set..... **\$2.05**

4-M-3017. Old or lemon brass finish. For single doors. Price per Set..... **\$1.39**

4-M-3019. For double doors. Price per Set..... **\$2.05**

4-M-3021. Antique copper finish, polished. Price..... **\$1.39**

4-M-3023. Lemon brass finish. Price..... **\$1.39**

4-M-3025. Antique copper finish, polished. Price..... **\$1.39**

4-M-3027. Lemon brass finish. Price..... **\$1.39**

4-M-3029. Antique copper finish, polished. Price..... **\$1.39**

4-M-3031. Lemon brass finish. Price..... **\$1.39**

4-M-3033. Antique copper finish, polished. Price..... **\$1.39**

4-M-3035. Lemon brass finish. Price..... **\$1.39**

4-M-3037. Antique copper finish, polished. Price..... **\$1.39**

4-M-3039. Lemon brass finish. Price..... **\$1.39**

4-M-3041. Antique copper finish, polished. Price..... **\$1.39**

4-M-3043. Lemon brass finish. Price..... **\$1.39**

4-M-3045. Antique copper finish, polished. Price..... **\$1.39**

4-M-3047. Lemon brass finish. Price..... **\$1.39**

4-M-3049. Antique copper finish, polished. Price..... **\$1.39**

4-M-3051. Lemon brass finish. Price..... **\$1.39**

4-M-3053. Antique copper finish, polished. Price..... **\$1.39**

4-M-3055. Lemon brass finish. Price..... **\$1.39**

4-M-3057. Antique copper finish, polished. Price..... **\$1.39**

4-M-3059. Lemon brass finish. Price..... **\$1.39**

4-M-3061. Antique copper finish, polished. Price..... **\$1.39**

4-M-3063. Lemon brass finish. Price..... **\$1.39**

4-M-3065. Antique copper finish, polished. Price..... **\$1.39**

4-M-3067. Lemon brass finish. Price..... **\$1.39**

4-M-3069. Antique copper finish, polished. Price..... **\$1.39**

4-M-3071. Lemon brass finish. Price..... **\$1.39**

4-M-3073. Antique copper finish, polished. Price..... **\$1.39**

4-M-3075. Lemon brass finish. Price..... **\$1.39**

4-M-3077. Antique copper finish, polished. Price..... **\$1.39**

4-M-3079. Lemon brass finish. Price..... **\$1.39**

4-M-3081. Antique copper finish, polished. Price..... **\$1.39**

4-M-3083. Lemon brass finish. Price..... **\$1.39**

4-M-3085. Antique copper finish, polished. Price..... **\$1.39**

4-M-3087. Lemon brass finish. Price..... **\$1.39**

4-M-3089. Antique copper finish, polished. Price..... **\$1.39**

4-M-3091. Lemon brass finish. Price..... **\$1.39**

4-M-3093. Antique copper finish, polished. Price..... **\$1.39**

4-M-3095. Lemon brass finish. Price..... **\$1.39**

4-M-3097. Antique copper finish, polished. Price..... **\$1.39**

4-M-3100. Lemon brass finish. Price..... **\$1.39**

4-M-3103. Antique copper finish, polished. Price..... **\$1.39**

4-M-3105. Lemon brass finish. Price..... **\$1.39**

4-M-3107. Antique copper finish, polished. Price..... **\$1.39**

4-M-3109. Lemon brass finish. Price..... **\$1.39**

4-M-3111. Antique copper finish, polished. Price..... **\$1.39**

4-M-3113. Lemon brass finish. Price..... **\$1.39**

4-M-3115. Antique copper finish, polished. Price..... **\$1.39**

4-M-3117. Lemon brass finish. Price..... **\$1.39**

4-M-3119. Antique copper finish, polished. Price..... **\$1.39**

4-M-3121. Lemon brass finish. Price..... **\$1.39**

4-M-3123. Antique copper finish, polished. Price..... **\$1.39**

4-M-3125. Lemon brass finish. Price..... **\$1.39**

4-M-3127. Antique copper finish, polished. Price..... **\$1.39**

4-M-3129. Lemon brass finish. Price..... **\$1.39**

4-M-3131. Antique copper finish, polished. Price..... **\$1.39**

4-M-3133. Lemon brass finish. Price..... **\$1.39**

4-M-3135. Antique copper finish, polished. Price..... **\$1.39**

4-M-3137. Lemon brass finish. Price..... **\$1.39**

4-M-3139. Antique copper finish, polished. Price..... **\$1.39**

4-M-3141. Lemon brass finish. Price..... **\$1.39**

4-M-3143. Antique copper finish, polished. Price..... **\$1.39**

4-M-3145. Lemon brass finish. Price..... **\$1.39**

4-M-3147. Antique copper finish, polished. Price..... **\$1.39**

4-M-3149. Lemon brass finish. Price..... **\$1.39**

4-M-3151. Antique copper finish, polished. Price..... **\$1.39**

4-M-3153. Lemon brass finish. Price..... **\$1.39**

4-M-3155. Antique copper finish, polished. Price..... **\$1.39**

4-M-3157. Lemon brass finish. Price..... **\$1.39**

4-M-3159. Antique copper finish, polished. Price..... **\$1.39**

4-M-3161. Lemon brass finish. Price..... **\$1.39**

4-M-3163. Antique copper finish, polished. Price..... **\$1.39**

4-M-3165. Lemon brass finish. Price..... **\$1.39**

4-M-3167. Antique copper finish, polished. Price..... **\$1.39**

4-M-3169. Lemon brass finish. Price..... **\$1.39**

4-M-3171. Antique copper finish, polished. Price..... **\$1.39**

4-M-3173. Lemon brass finish. Price..... **\$1.39**

4-M-3175. Antique copper finish, polished. Price..... **\$1.39**

4-M-3177. Lemon brass finish. Price..... **\$1.39**

4-M-3179. Antique copper finish, polished. Price..... **\$1.39**

4-M-3181. Lemon brass finish. Price..... **\$1.39**

4-M-3183. Antique copper finish, polished. Price..... **\$1.39**

4-M-3185. Lemon brass finish. Price..... **\$1.39**

4-M-3187. Antique copper finish, polished. Price..... **\$1.39**

4-M-3189. Lemon brass finish. Price..... **\$1.39**

4-M-3191. Antique copper finish, polished. Price..... **\$1.39**

4-M-3193. Lemon brass finish. Price..... **\$1.39**

4-M-3195. Antique copper finish, polished. Price..... **\$1.39**

4-M-3197. Lemon brass finish. Price..... **\$1.39**

4-M-3199. Antique copper finish, polished. Price..... **\$1.39**

4-M-3201. Lemon brass finish. Price..... **\$1.39**

4-M-3203. Antique copper finish, polished. Price..... **\$1.39**

4-M-3205. Lemon brass finish. Price..... **\$1.39**

4-M-3207. Antique copper finish, polished. Price..... **\$1.39**

4-M-3209. Lemon brass finish. Price..... **\$1.39**

4-M-3211. Antique copper finish, polished. Price..... **\$1.39**

4-M-3213. Lemon brass finish. Price..... **\$1.39**

4-M-3215. Antique copper finish, polished. Price..... **\$1.39**

4-M-3217. Lemon brass finish. Price..... **\$1.39**

4-M-3219. Antique copper finish, polished. Price..... **\$1.39**

4-M-3221. Lemon brass finish. Price..... **\$1.39**

4-M-3223. Antique copper finish, polished. Price..... **\$1.39**

4-M-3225. Lemon brass finish. Price..... **\$1.39**

4-M-3227. Antique copper finish, polished. Price..... **\$1.39**

4-M-3229. Lemon brass finish. Price..... **\$1.39**

4-M-3231. Antique copper finish, polished. Price..... **\$1.39**

4-M-3233. Lemon brass finish. Price..... **\$1.39**

4-M-3235. Antique copper finish, polished. Price..... **\$1.39**

4-M-3237. Lemon brass finish. Price..... **\$1.39**

4-M-3239. Antique copper finish, polished. Price..... **\$1.39**

4-M-3241. Lemon brass finish. Price..... **\$1.39**

4-M-3243. Antique copper finish, polished. Price..... **\$1.39**

4-M-3245. Lemon brass finish. Price..... **\$1.39**

4-M-3247. Antique copper finish, polished. Price..... **\$1.39**

4-M-3249. Lemon brass finish. Price..... **\$1.39**

4-M-3251. Antique copper finish, polished. Price..... **\$1.39**

4-M-3253. Lemon brass finish. Price..... **\$1.39**

4-M-3255. Antique copper finish, polished. Price..... **\$1.39**

4-M-3257. Lemon brass finish. Price..... **\$1.39**

4-M-3259. Antique copper finish, polished. Price..... **\$1.39**

4-M-3261. Lemon brass finish. Price..... **\$1.39**

4-M-3263. Antique copper finish, polished. Price..... **\$1.39**

4-M-3265. Lemon brass finish. Price..... **\$1.39**

4-M-3267. Antique copper finish, polished. Price..... **\$1.39**

4-M-3269. Lemon brass finish. Price..... **\$1.39**

4-M-3271. Antique copper finish, polished. Price..... **\$1.39**

4-M-3273. Lemon brass finish. Price..... **\$1.39**

4-M-3275. Antique copper finish, polished. Price..... **\$1.39**

4-M-3277. Lemon brass finish. Price..... **\$1.39**

4-M-3279. Antique copper finish, polished. Price..... **\$1.39**

4-M-3281. Lemon brass finish. Price..... **\$1.39**

4-M-3283. Antique copper finish, polished. Price..... **\$1.39**

BEST FINISHES

Wilmette Design Lock Sets.

\$4.95
Set

CYLINDER FRONT DOOR LOCK

4-M-3201. Antique copper finish, polished. Price, per set... **\$4.95**

4-M-3203. Old or lemon brass finish. Price, per set... **\$4.95**

BIT-KEYED FRONT DOOR LOCK

Also furnished with one key to operate both bolts.

4-M-3205. Genuine bronze, antique copper finish, polished. Price, per set... **\$1.81**

4-M-3207. Genuine bronze, old or lemon, brass finish. Price, per set... **\$1.81**

4-M-3209. Wrought steel, antique copper finish, polished. Price, per set... **\$1.25**

4-M-3211. Wrought steel, old or lemon, brass finish. Price, per set... **\$1.25**

INSIDE DOOR LOCK

4-M-3213. Genuine bronze, antique copper finish. Price, per set... **85c**

4-M-3215. Genuine bronze, old or lemon, brass finish. Price, per set... **85c**

4-M-3217. Wrought steel, antique copper finish, polished. Price, per set... **40c**

4-M-3219. Wrought steel, old or lemon, brass finish. Price, per set... **40c**

SLIDING DOOR LOCKS

4-M-3221. Antique copper finish. For single doors. Price, per set... **\$1.41**

4-M-3223. Antique copper finish. For double doors. Price, per set... **\$2.07**

4-M-3225. Old or lemon, brass finish. For single doors. Price, per set... **\$1.43**

4-M-3227. Old or lemon, brass finish. For double doors. Price, per set... **\$2.09**

SLIDING DOOR LOCKS

4-M-3229. Antique copper finish. For single doors. Price, per set... **\$1.07**

4-M-3231. For double doors. Price, per set... **\$1.60**

4-M-3233. Old or lemon, brass finish. For single doors. Price, per set... **\$1.09**

4-M-3235. For double doors. Price, per set... **\$1.62**

BRONZE METAL PUSH PLATES

4-M-3237. Antique copper finish, polished. Price, each... **49c**

4-M-3239. Old or lemon, brass finish. Price, each... **49c**

BRONZE METAL DOOR BELLS

4-M-3241. Antique copper finish, polished. Price, each... **71c**

4-M-3243. Old or lemon, brass finish. Price, each... **71c**

WARRANTED GRADES

Argyle Design Lock Sets.

\$4.75
Set

CYLINDER FRONT DOOR LOCK

4-M-3301. Antique copper finish, polished. Price, per set... **\$4.75**

4-M-3303. Old or lemon, brass finish. Price, per set... **\$4.75**

BIT-KEYED FRONT DOOR LOCK

Also furnished with one key to operate both bolts.

4-M-3305. Genuine bronze, antique copper finish, polished. Price, per set... **\$1.75**

4-M-3307. Genuine bronze, old or lemon, brass finish. Price, per set... **\$1.75**

4-M-3309. Wrought steel, antique copper finish, polished. Price, per set... **\$1.25**

4-M-3311. Wrought steel, old or lemon, brass finish. Price, per set... **\$1.25**

INSIDE DOOR LOCK

4-M-3313. Genuine bronze, antique copper finish, polished. Price, per set... **80c**

4-M-3315. Genuine bronze, old or lemon, brass finish. Price, per set... **\$0.80**

4-M-3317. Wrought steel, antique copper finish, polished. Price, per set... **40c**

4-M-3319. Wrought steel, old or lemon, brass finish. Price, per set... **40c**

SLIDING DOOR LOCKS

4-M-3321. Antique copper finish. For single doors. Price, per set... **\$1.39**

4-M-3323. Antique copper finish. For double doors. Price, per set... **\$2.07**

4-M-3325. Old or lemon, brass finish. For single doors. Price, per set... **\$1.41**

4-M-3327. Old or lemon, brass finish. For double doors. Price, per set... **\$2.09**

SLIDING DOOR LOCKS

4-M-3329. Antique copper finish. For single doors. Price, per set... **\$1.14**

4-M-3331. For double doors. Price, per set... **\$1.79**

4-M-3333. Old or lemon, brass finish. For single doors. Price, per set... **\$1.16**

4-M-3335. For double doors. Price, per set... **1.81**

BRONZE METAL PUSH PLATE

4-M-3337. Antique copper finish, polished. Price, each... **49c**

4-M-3339. Old or lemon, brass finish. Price, each... **49c**

BRONZE METAL DOOR BELLS

4-M-3341. Antique copper finish, polished. Price, each... **71c**

4-M-3343. Old or lemon, brass finish. Price, each... **71c**

Evanston Design Lock Sets.

\$4.95
Set

CYLINDER FRONT DOOR LOCK

4-M-3101. Antique copper finish, polished. Price, per set... **\$4.95**

4-M-3103. Old or lemon, brass finish. Price, per set... **\$4.95**

BIT-KEYED FRONT DOOR LOCK

Also furnished with one key to operate both bolts.

4-M-3105. Genuine bronze, antique copper finish, polished. Price, per set... **\$1.75**

4-M-3107. Genuine bronze, old or lemon, brass finish. Price, per set... **\$1.75**

4-M-3109. Wrought steel, antique copper finish, polished. Price, per set... **\$1.35**

4-M-3111. Wrought steel, old or lemon, brass finish. Price, per set... **\$1.35**

INSIDE DOOR LOCK

4-M-3113. Genuine bronze, antique copper finish, polished. Price, per set... **90c**

4-M-3115. Genuine bronze, old or lemon, brass finish. Price, per set... **90c**

4-M-3117. Wrought steel, antique copper finish, polished. Price, per set... **45c**

4-M-3119. Wrought steel, old or lemon, brass finish. Price, per set... **45c**

SLIDING DOOR LOCKS

4-M-3121. Antique copper finish. For single doors. Price, per set... **\$1.32**

4-M-3123. Antique copper finish. For double doors. Price, per set... **\$1.89**

4-M-3125. Old or lemon, brass finish. For single doors. Price, per set... **\$1.33**

4-M-3127. Old or lemon, brass finish. For double doors. Price, per set... **\$1.91**

SLIDING DOOR LOCKS

4-M-3129. Antique copper finish. For single doors. Price, per set... **\$1.14**

4-M-3131. For double doors. Price, per set... **\$1.79**

4-M-3133. Old or lemon, brass finish. For single doors. Price, per set... **\$1.15**

4-M-3135. For double doors. Price, per set... **\$1.80**

BRONZE METAL PUSH PLATES

4-M-3137. Antique copper finish, polished. Price, each... **51c**

4-M-3139. Old or lemon, brass finish. Price, each... **52c**

BRONZE METAL DOOR BELLS

4-M-3141. Antique copper finish, polished. Price, each... **71c**

4-M-3143. Old or lemon, brass finish. Price, each... **71c**

SELECT DESIGNS

Oak Park Design Lock Sets.

\$5.50
Set

CYLINDER FRONT DOOR LOCK

4-M-3245. Antique copper finish, polished. Price, per set... **\$5.50**

4-M-3247. Old or lemon, brass finish. Price, per set... **\$5.50**

BIT-KEYED FRONT DOOR LOCK

Also furnished with one key to operate both bolts.

4-M-3249. Genuine bronze, antique copper finish, polished. Price, per set... **\$1.90**

4-M-3251. Genuine bronze, old or lemon, brass finish. Price, per set... **\$1.90**

4-M-3253. Wrought steel, antique copper finish, polished. Price, per set... **1.40**

4-M-3255. Wrought steel, old or lemon, brass finish. Price, per set... **1.40**

INSIDE DOOR LOCK

4-M-3257. Genuine bronze, antique copper finish, polished. Price, per set... **\$1.00**

4-M-3259. Genuine bronze, old or lemon, brass finish. Price, per set... **\$1.00**

4-M-3261. Wrought steel, antique copper finish, polished. Price, per set... **.43**

4-M-3263. Wrought steel, old or lemon, brass finish. Price, per set... **.43**

SLIDING DOOR LOCKS

4-M-3265. Antique copper finish, polished. For single doors. Price, per set... **\$1.41**

4-M-3267. Antique copper finish. For double doors. Price, per set... **\$2.09**

4-M-3269. Old or lemon, brass finish. For single doors. Price, per set... **1.43**

4-M-3271. Old or lemon, brass finish. For double doors. Price, per set... **2.11**

SLIDING DOOR LOCKS

4-M-3273. Antique copper finish, polished. For single doors. Price, per set... **\$1.17**

4-M-3275. For double doors. Price, per set... **\$1.95**

4-M-3277. Old or lemon, brass finish. For single doors. Price, per set... **1.19**

4-M-3279. For double doors. Price, per set... **1.87**

BRONZE METAL PUSH PLATES

4-M-3281. Antique copper finish, polished. Price, each... **51c**

4-M-3283. Old or lemon, brass finish. Price, each... **52c**

BRONZE METAL DOOR BELLS

4-M-3285. Antique copper finish, polished. Price, each... **71c**

4-M-3287. Old or lemon, brass finish. Price, each... **72c**

Genuine Wrought Bronze Cylinder Store Door Lock and Handle.

4-P-3363. Antique copper finish.

Size of lock 4 3/4 x 3 1/4 inches, 5-pin tumbler cylinder, non-pickable. Size of plates 3x12 inches. 2 handles, one for either side of door. 3 German silver keys. Complete with screws to match. Price per Set... **\$6.00**

Splendid Value Lock Set

Austin Design
Best moderate price lock set front door lock, size 4 3/4 x 3 1/4 in. Outside escutcheon 2 1/2 x 8 in. Reversible for right or left hand door.

4-M-3345. Per set... **\$1.21**

Austin Design Inside Lock. 4-M-3357. Per set... **31c**

Price per dozen, \$3.50. Austin Design Door Bell. 4-M-3347. Price each... **52c**

Store Door Lock. 4-H-3349. Bronze Plated Iron Austin Design Door Lock and Handle, two handle, 1 for either side of door, reversible for Right or Left Hand Door. Per Set... **\$1.79**

Genuine Wrought Bronze Cylinder Store Door Lock and Handle.

4-M-3355. Antique copper finish.

Size of lock 5 3/4 x 3 1/4 inches. 5-pin, tumbler cylinder, non-pickable. Size of plates 3x12 inches. 2 bar handle grips, one for either side of door. 3 German silver keys. Reversible for right or left hand door. Complete with screws to match. Price per Set... **\$5.80**

WROUGHT STEEL ELECTRO BRONZE PLATED STORE DOOR HANDLE AND LOCK SETS

4-M-3359. Antique copper finish. Size of lock 4 3/4 x 3 1/4 inches. Size of plates 3x12 inches. 2 handle grips, one for either side of door. 2 nickel plated flat steel keys. Reversible for right or left hand doors. Complete with screws to match. Price, per set... **\$1.80**

GENUINE WROUGHT BRONZE PLATED STORE DOOR LOCK SET AND HANDLE

4-M-3361. Same as 4-H-3359 except plates, handles, bolts, strike and trimmings are genuine wrought bronze with screws to match. Price per Set... **\$3.25**

Door Push Plates

Size 2 3/4 x 9 3/4 in. finely finished with screws to match.

GENUINE BRONZE METAL

4-H-3583. Antique copper finish. Each... **30c**

4-H-3584. Old or lemon brass finish. Each... **30c**

WROUGHT STEEL PLATED

4-H-3585. Antique copper finish. Each... **12c**

4-H-3586. Old or lemon brass finish. Each... **12c**

WROUGHT STEEL ELECTRO BRONZE PLATED STORE DOOR HANDLE AND LOCK SET

4-M-3351. Antique copper finish. Size of lock 4 3/4 x 3 1/4 inches. Size of plates 3x12 inches. 2 bar handle grips, one for either side of door. Two nickel plated flat steel keys. Reversible for right or left hand doors. Complete with screws to match. Price per set... **\$2.45**

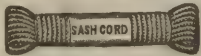
GENUINE WROUGHT BRONZE STORE DOOR LOCK AND HANDLE

4-M-3353. Same as above described except that plates, grips, strike, bolts and trimmings are genuine bronze metal. Complete with screws to match. Price per Set... **\$3.95**

Sash Cord, Weights, Bolts,
Balances, Pulleys and
Cabinet Hardware

BUILDERS' HARDWARE

Comparison Will Show
the Extent of Your Savings
in Our Prices



SASH CORD

Made of special selected long fiber cotton firmly braided. The strongest and most durable manufactured. Put up in bundles of 100 feet. Per bundle
4-M-3647. No. 8, 3/32 in. diam. 67c
4-P-3645. No. 7, 7/32 in. diam. 60c



STEEL SASH PULLEY

4-M-3649. Electrically welded and cannot break. Require no screws. Simply bore three holes and drive the pulley in. Diameter of wheel 2 inches. Per doz. .25c

NOISELESS PULLEYS

4-M-3653. Made and finished in a superior manner. With 2 1/2 inch turned wheel. Steel axle plated antique copper polished face. Doz. . \$1.18

COMMON SENSE STEEL SASH PULLEYS

Superior to cast iron. Will not break. 4-M-3651. Mortised in with 1 inch bit. Diameter of wheel 2 inches. Per dozen . . . 28c



SPRING SASH BALANCES

4-P-3637. Used instead of sash weights and cord. Easy to apply and do not require box frames. Springs are made of special tempered steel, heavily coppered to prevent rust. Warranted to retain their full strength. Set consists of four balances, two each for top and bottom sash.

Size No.	Weight of each Sash	Height of each Sash	Wt. Per Set of 4 Balances	Price Per Set of 4 Balances
6	4 to 6 lbs.	34 in.	6 lbs.	\$1.12
8	6 to 8 lbs.	34 in.	6 lbs.	1.25
10	8 to 10 lbs.	34 in.	7 lbs.	1.35
12	10 to 12 lbs.	44 in.	7 lbs.	1.45
14	12 to 14 lbs.	44 in.	7 1/2 lbs.	1.60
16	14 to 16 lbs.	44 in.	7 1/2 lbs.	1.72
18	16 to 18 lbs.	48 in.	9 1/2 lbs.	1.85
20	18 to 20 lbs.	48 in.	10 lbs.	1.95
23	20 to 23 lbs.	48 in.	11 lbs.	2.28
26	23 to 26 lbs.	48 in.	13 lbs.	2.44
29	26 to 29 lbs.	50 in.	13 1/2 lbs.	2.57
32	29 to 32 lbs.	50 in.	14 lbs.	2.75

WINDOW SETS FOR BASEMENT, DORMER AND ATTIC WINDOWS



A great time saver. For carpenters and builders. Hinged to swing. Strong and durable. Presses the sash tightly into the frame, excludes the cold and prevents rattling.

4-M-3619. For sash hinged at side. Set consists of one pair 2 1/2 inch wrought steel butts, one japanned steels sash fastener. Packed in box complete with screws. Per set. 10c

4-M-3621. For sash hinged at top. Set consists of one pair 2 1/2 inch wrought steel butts, one japanned steels sash fastener, one hook and eye. Packed in box complete with screws. Per set. 12c

SASH WEIGHTS



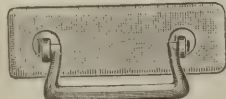
10-P-3643. Four weights are required to hand each window. Weights range from 3 to 9 pounds by half pounds. Heavier than 9 pounds graduate by pounds. Per pound 1 1/2c

WINDOW SPRING BOLTS



4-P-3565. Japanned Bolt, Tin Case. Per gross. \$1.38 Per dozen. 12c

CABINET AND CUPBOARD HARDWARE



CONCORD DROP HANDLE

A neat and simple designed handle; suitable for buffets, sideboards and china closets. Unusually well made and nicely finished.

4-P-15016. Antique Copper. Price each. 18c
4-P-15017. Lemon Brass. Price each. 18c



4-M-3834 CYLINDER STEEL DRAWER LOCK

Brass Cylinder strong and Secure. For wood 3/4 inch thick. Width, 1 1/2 inches, with 2 Nickel Plated Flat Steel Keys. Each. 22c Per dozen. \$2.60



4-M-3833 SELF-LOCKING CHEST LOCKS

All Iron with Brass Key-hole Escutcheon. Double bit keys. Width, 2 1/2 inches. Per dozen. \$4.35 Each.37



4-M-3831 DRAWER LOCKS

2 1/2 in. wide. Has two secure levers for wood 3/4 in. thick. One key. Per doz. \$2.40 Each. .22c
4-M-3832. Brass Drawer Locks. Same as above. Per doz. \$4.75 Each. .41c



CAST IRON DRAWER PULL

A very popular drawer pull owing to the fact that it is applied with machine screws through the wood from the inside, making it stationary. Is suitable for drawers, buffets, bookcases, china cases, etc.

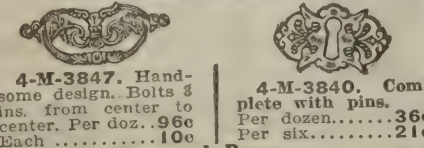
4-P-15018. Antique Copper. Price each. 12c
4-P-15019. Lemon Brass. Price each. 12c

CAST BRASS KNOBS

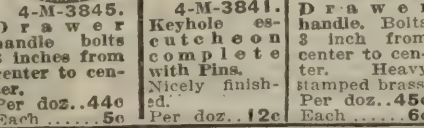


4-M-3843. 1 1/2 inch in diameter. Finely finished. Per doz. .35c Per four. .14c
4-P-3842. Black Enamelled Handles. Brass plate, nicely finished. Per doz. .50c Per four. .18c
4-M-3844. Finely Finished 1 1/2 inch in Diameter. Per doz. .55c Per four. .19c

DRAWER HANDLES—ESCUTCHEONS CAST BRASS

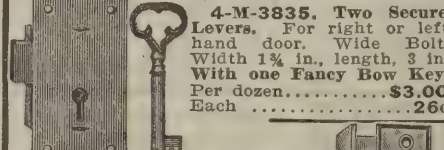


4-M-3847. Handsome design. Bolts 3 ins. from center to center. Per doz. .96c Each. 10c
4-M-3840. Complete with pins. Per dozen. 36c Per six. 21c
Stamped Brass



4-M-3845. Drawer handle bolts 3 inches from center to center. Per doz. .44c Each. 5c
4-M-3841. Keyhole escutcheon complete with pins. Nicely finished. Per doz. .12c
4-M-3846. Drawer handle. Bolts 3 inch from center to center. Heavy stamped brass. Per doz. .45c Each. 6c

CUPBOARD LOCKS



4-M-3835. Two Secure Levers. For right or left hand door. Wide Bolt. Width 1 1/2 in., length, 3 in. With one Fancy Bow Key. Per dozen. \$3.00 Each.26c

CUPBOARD LATCHES

A very neat and artistic design. Simple in construction and put on very easily. 4-M-15020. Antique Copper. Price each. 90c
4-M-15021. Lemon Brass. Price each. 90c

CUPBOARD CATCHES

Electro Plated, Polished Wrought Steel with screws to match. 4-M-3591. Antique Copper Finish. Each. 6c
4-M-3592. Old or Lemon Brass Finish. Each. 6c

CUPBOARD TURNS.

Electro Plated, Polished Wrought Steel. 4-M-3596. Antique Copper, Polished Finish. Each. 8c
4-M-3597. Old or Lemon Brass Finish. Each. 8c

GENUINE WROUGHT BRONZE CUPBOARD TURNS.

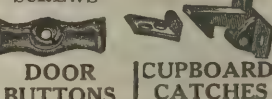
With screws to match. 4-M-3598. Antique Copper Finish. Dozen. \$2.75 Each.24c
4-M-3599. Old or Lemon Brass Finish. Dozen. \$2.75 Each.24c



CHEST HANDLES

4-P-3830. Japanned Iron Chest Handles. Size, 4 in., without screws. Per dozen pairs. \$1.10 Per pair. .10c

WITHOUT SCREWS



DOOR BUTTONS

4-M-3655. Japanned finish. Length 1 1/2 inches. Per gross. .30c Per doz. .3c
Length, 2 in. Per gross. 40c Per doz. .4c

CUPBOARD CATCHES

4-M-3609. Iron Japanned finish. Per doz. .25c Each. 3c
4-M-3611. Iron bronze finish. Per doz. .35c Each. 4c

AUSTIN DESIGN BRONZE PLATED CUPBOARD CATCH

4-M-3595. With Screws. Price, each. 16c



WROUGHT STEEL DRAWER PULLS

Wrought steel electro plated with screws to match. Length 3 1/2 inches.

4-M-3623. Antique copper polished finish. Each. 3c
4-M-3625. Old or lemon brass finish. Each. 3c

PRESSED STEEL SHELF BRACKETS

4-P-3451. Strong and unbreakable Japanned finished without screws. Size in. 4x5 6x8 7x9
Per pair. 6c 10c 12c
Per doz. prs. 60c \$1.10 \$1.35
Size in. 8x10 10x12 12x14
Per pair. 14c 19c 28c
Per doz. prs. \$1.56 \$2.20 \$3.30

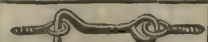
Superior Grades In Dependable Hardware at Substantial Savings

REAL ECONOMY PRICES

Barn Door Hinges, Tracks Bolts, Pull Latches, etc. Stair Rail Hardware

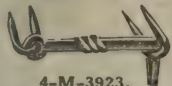
Hinges Wrought Steel, Standard Size, Strictly First Quality.

Size given is measurement from joint to end of hinge. Without screws.



4-M-3925. Heavy polished Wire Hooks and Eyes. Inches.

Length... 2 3 4
Each..... 1c 1c 2c
Per doz.... 6c 6c 10c



4-M-3923.

Wrought Hooks and Staples.

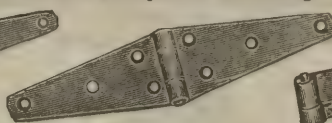
Length, 4 in., each. 2c
Price, per dozen... 15c
Length, 6 in., each. 3c
Per dozen..... 18c



4-P-3929

Light wrought steel strap hinges. Size given is length from joint to end of Hinge.

Size, Inches....	3	4	5	6
Takes Screw No.	6	7	8	9
Per doz. Pairs...	51c	66c	81c	\$1.00
Per Pair.....	5c	6c	7c	9c



4-P-3931

Heavy wrought steel strap hinges. Size given is length from joint to end of hinge.

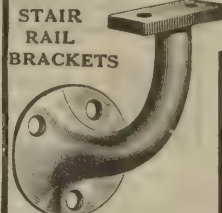
Inch	Screw	Doz.	Pr. Pair
6	10	\$1.50	\$0.14
8	12	2.43	.24
10	12	3.68	.34
12	14	5.63	.49
14	16	6.60	.57



4-M-3933

Wrought steel screw strap hinges. Each pair requires two 3/8-inch and four 5-16-inch bolts to put them on. Bolts are not included at prices quoted.

Size, inches..... 10 12 14
Per doz. Pair..... \$3.00 \$3.30 \$4.00
Per Pair..... .26 .29 .35



STAIR RAIL BRACKETS

Projects two inches from wall to center of rail. These brackets are used to support hand railing.

4-P-15022. Copied bronze finish. Each..... 7c



Heavy wrought steel hasp with double hook and Staples.

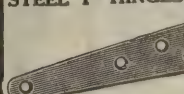
4-M-3913
Length, In... 6 8 10
Per Doz..... 15c 19c 27c
Each..... 2c 2c 3c



YANKEE DOOR CATCH

4-M-3915. For holding open swinging doors. Made of cast iron, japanned. Each..... 3c

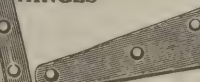
LIGHT WROUGHT STEEL "T" HINGES



4-P-3927

Inches.....	3	4
Doz. Pair.....	\$0.54	\$0.57
Per Pair.....	.05	.05
Inches.....	6	8
Doz. Pair.....	\$0.85	\$1.08
Per Pair.....	.08	.10

HEAVY WROUGHT STEEL "T" HINGES



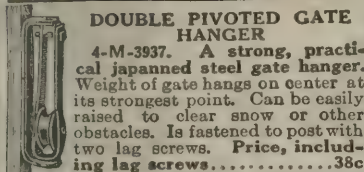
4-P-3909

Size.....	6	8	10
Doz. Pair.....	\$1.23	\$1.63	\$2.20
Pair.....	.11	.14	.20
Size.....	12	14	16
Doz. Pair.....	\$3.15	\$4.33	
Pair.....	.28	.37	

STAIR RAIL BOLTS

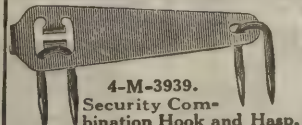


No. **4-M-15024** is used mostly for bolting two parts of a rail together or in completing rail to an easing or crook.
No. **4-M-15025** is used to bolt rail to a Newel Post.
4-M-15024. 1/2 x 4 1/2 in. Each..... 5c
4-M-15024 1/2. 1/2 x 4 1/2 in., Per Dozen..... 50c
4-M-15025. 1/2 x 4 1/2 in. Each..... 4c
4-M-15025 1/2. 1/2 x 4 1/2 in. Per Dozen..... 45c



DOUBLE PIVOTED GATE HANGER

4-M-3937. A strong, practical japanned steel gate hanger. Weight of gate hangs on center at its strongest point. Can be easily raised to clear snow or other obstacles. Is fastened to post with two lag screws. Price, including lag screws..... 38c



4-M-3939.

Security Combination Hook and Hasp. Wrought Steel. Length, 8 inches. Per Dozen... 39c Each.... 4c



Heavy Wrought Steel Hinge

4-M-3935.

Length, Inches... 3 6 8 10
Per Dozen..... 33c 45c 55c 93c
Each..... 3c 4c 5c 9c



BARN DOOR BOLT

4-N-3907.

Heavy Pattern, suitable for stable doors and out-houses. Length, 8 inches. Price, each..... 18c



STEEL CENTER BRACKET

4-M-3905. Steel Center Brackets for track 4M3903, Japanned Finish, complete with lag screws for attaching. Price, each..... 10c



BARN DOOR LATCH

4M3951. Automatic sliding or swinging door latch with attachment for lock. Strong and durable. The latch can be thrown back, leaving the edge of door clear; has inside latch and pull. Each... 24c

BARN DOOR STAY ROLLERS



Reversible and adjustable.

4-N-3911. Reversible for inside and outside doors. Adjustable for any thickness of door. Diameter of wheel 2 inches. Price, each..... 9c



STEEL BARN DOOR TRACK
4-M-3947. Strong and rigid. Suitable for any ordinary door. Size, 3-16 x 1 inch. Lengths, 4, 6, 8 and 10 feet. Per foot... 4 1/2c



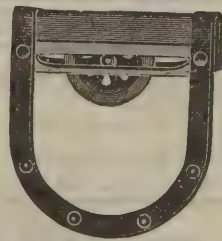
EXTRA HEAVY TRACK

4-M-3949. For use with hinge joint or other styles of barn door hangers. Made of steel, size, 1 1/2 x 1/2 inch. Come in lengths, 4, 6, 8 and 10 feet. Price, per ft..... 5 1/2c

HINGE JOINT BARN DOOR HANGERS

Hinge joint makes it possible to swing the door in or out. Provided with a guard, making it impossible to jump the track. Has chilled roller bearings. Wheel, axles and bearings are fully protected from the weather.

4-M-3921. Price, per pair..... 55c



LOOSE AXLE ANTI-FRICTION HANGERS

Guaranteed not to bind or jump the track. Wheels are mounted on hardened steel axles. Our prices do not include bolts.

4-M-3941. For doors 6 foot run. Diameter of wheel, 3 inches. Require 5-16 in. bolts. Per Pair... 55c

4-M-3943. For doors 8 foot run. Diameter of wheel, 4 in. Requires 3/4 inch bolts. Per Pair... 70c

4-M-3945. For doors 10 foot run. For large heavy doors. Diameter of wheel, 5 inches. Require 3/4 inch bolts. Per Pair... 93c

BARN DOOR HANGERS

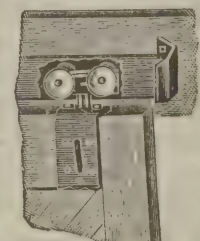


ANTI-FRICTION ROLLER BEARING BARN DOOR HANGERS

Made entirely of steel except the wheel. The axle is of hardened steel. Prices do not include bolts.

4-M-3917. Size of wheel, 3 1/2 inch. For small and medium size doors. Per dozen pairs..... \$5.15
Per pair..... .49c

4-M-3919. Size of wheel, 4 inch. Suitable for the largest size doors. Dozen pairs..... \$5.70
Per pair..... .55c



ROLLER BEARING TROLLEY HANGERS

Wheels run inside of hollow steel track. Cannot bind or jump the track. Suitable for doors 1 1/2 to 2 1/2 inches thick. A set consists of two hangers, two end brackets and one center bracket. Complete with screws and bolts.

4-M-3901. Price per set, complete, without track..... \$1.30

4-M-3903. Trolley track for above hangers, brackets not included. Lengths, 4, 5, 6, 8 and 10 feet. Price, per foot..... 12c

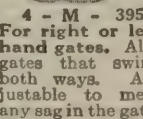
GATE HINGE

4-M-3953. Will swing both ways. Does not require spring or weight. Wrought upper hinge, cast lower hinge. Japanned Finish. Per set... 26c

GRAVITY GATE LATCH

4-M-3959.

Overcomes shrinking and sagging of gate posts. Made of steel and malleable iron. Easily applied. Price, each... 20c



4-M-3957. For right or left hand gates. Also gates that swing both ways. Adjustable to meet any sag in the gate. Each..... 6c
TINNY SAFETY GATE HOOKS AND STAPLES
4-M-3961. Length, 4, 6 in. Ea. 4c, 6c
Doz. 47c, 64c

**DOOR BUTTS, LATCHES,
LOCKS, BOLTS, BASE
KNOBS, HINGES,
FASTENERS, ETC.**

BUILDERS' HARDWARE

**SUPERIOR GRADES
FOR DOORS. BEST FINISH
AND CONSTRUCTION.
LOWEST PRICES**

NARROW FAST PIN WROUGHT STEEL BUTTS

4P3579. Plain without screws.
Inch.....1 1/4 1 1/2 2 2 1/2 3
Doz. prs.....17c 24c 31c 39c 50c

ELECTRO PLATED POLISHED TRANSOM BUTTS

Heavy wrought steel, fast pin, finely finished, with screws to match.

4P3581. Antique Copper Finish.
Inch.....2 1/2 x 2 1/2 3 x 3 3 1/2 x 3 1/2
Per pair.....18c 22c 27c

JAPANESE LOOSE PIN BALL TIPPED STEEL BUTTS

4P3577. Made of heavy steel, nicely japanned. Screws not included.
Inch.....2 1/2 x 2 1/2 3 x 3 3 1/2 x 3 1/2
Per pair.....9c 11c 13c
Inch.....4 x 4 4 1/2 x 4 1/2 5 x 5
Per pair.....15c 18c 26c

AUSTIN DESIGN BRONZE PLATED CAST BUTTS

4P3575. Black background, polished raised surface, complete with screws to match.
Inch.....3 x 3 3 1/2 x 3 1/2 4 x 4 4 1/2 x 4 1/2
Per pair.....30c 38c 43c 50c

HIGH GRADE ELECTRO PLATED POLISHED WROUGHT STEEL BALL TIPPED BUTTS

Guaranteed to be the best finished wrought steel ball tipped butts manufactured. Heavy highly polished and finely finished. Finished with screws to match.
4P3501. Antique copper, polished finish.
Inch.....2 x 2 2 1/2 x 2 1/2 3 x 3 3 1/2 x 3 1/2 4 x 4 4 1/2 x 4 1/2 5 x 5
Per pair.....29c 34c 35c 38c 42c 54c 65c

4P3503. Old or Lemon Brass Finish.
Inch.....2 x 2 2 1/2 x 2 1/2 3 x 3 3 1/2 x 3 1/2 4 x 4 4 1/2 x 4 1/2 5 x 5
Per pair.....29c 34c 35c 38c 42c 54c 65c

ELECTRO PLATED PLANISHED BALL TIPPED BUTTS

Electro Plated Planished. Made of the same grade steel and generally sold as a polished butt. In every sense equal to the high grade butts, except not as finely finished. Furnished with screws to match.
4P3505. Antique Copper Finish.
Inch.....2 x 2 2 1/2 x 2 1/2 3 x 3 3 1/2 x 3 1/2 4 x 4 4 1/2 x 4 1/2
Per pair.....12c 13c 15c 17c 18c 28c

PLANISHED WROUGHT STEEL BUTTS
4P3507. Old or Lemon Brass Finish.
Inch.....2 x 2 2 1/2 x 2 1/2 3 x 3 3 1/2 x 3 1/2 4 x 4 4 1/2 x 4 1/2
Per pair.....16c 16c 17c 18c 20c 31c

UPRIGHT RIM KNOB LOCK



Size 4x3 1/4 inches, with stop, iron bolts and tinned malleable key.
4P3409. Lock only without knob. Each.....10c
4P3411. With brown mineral knob. Per set.....17c
4P3413. With jet knob. Per set.....19c

HORIZONTAL RIM KNOB LOCKS



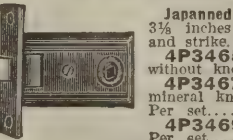
Size 3 3/4 x 4 inches, 3 brass bolts, nickel plated steel key.
4P3427. Lock only without knob. Each.....22c
4P3429. With brown mineral knob. Each.....28c
4P3431. With jet knob. Per set.....31c

STORE DOOR RIM DEAD LOCK



4P3439. Strong and durable. Japanned iron case, 5x3 1/2 in. Heavy wrought iron bolt, steel inside bolts, 2 nickel plated steel folding keys. Complete with Screws.
Price.....60c

MORTISE DOOR LATCHES



Japanned iron case, 1 1/4 x 3 1/2 inches iron bolts, front and strike.
4P3465. Latch only without knobs. Each.....6c
4P3467. With brown mineral knobs. Per set.....12c
4P3469. With jet knobs. Per set.....15c

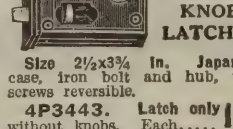
Japanned iron cases, 1 1/4 x 3 1/2 inches. Brass front, bolt and strike.
4P3471. Latch only without knobs. Each.....14c
4P3473. With brown mineral knobs. Per set.....22c
4P3475. With jet knobs. Per set.....25c

UPRIGHT RIM KNOB LOCK



Size 4x3 1/4 inches, 3 brass plated bolts, nickel plated steel key.
4P3415. Lock only without knob. Each.....21c
4P3417. With brown mineral knob. Per set.....28c
4P3419. Black jet knob. Per set.....30c

HORIZONTAL RIM KNOB LATCHES



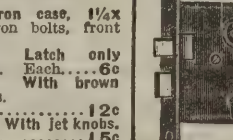
Size 2 1/2 x 3 1/2 in. Japanned case, iron bolt and hub, with screws reversible.
4P3443. Latch only without knobs. Each.....10c
4P3445. With brown mineral knobs. Per set.....17c
4P3447. With jet knobs. Per set.....19c

CYLINDER RIM NIGHT LATCH



4P3489. A durable lock which affords the utmost security. Size 3 1/2 x 2 1/2 inches, with genuine bronze metal bolts, cylinder, escutcheon, knob and stop, 3 Yale pattern. German silver keys, suitable for doors up to 3 inches thick.
Price.....\$1.10

MORTISE DOOR LOCKS



Japanned case, 3 1/2 x 3 1/2 inches, iron bolts, lacquered front and strike, tinned key. Japanned escutcheon with screws.
4P3453. Locks only without knobs. Each.....13c
4P3455. With brown mineral knobs. Each.....19c
4P3457. With jet knobs. Each.....22c

Japanned case, 3 1/2 x 3 1/2 inches. Brass front and bolts, plated strike, nickel plated steel key, japanned escutcheon with screws.
4P3459. Locks only without knobs. Each.....28c
4P3461. With brown mineral knobs. Per set.....35c
4P3463. With jet knobs. Per set.....36c

DOOR KNOBS

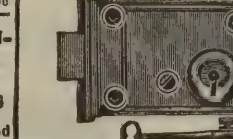
Rim Knobs
Strictly first quality. Japanned shanks and roses. Knobs 2 1/2 inches in diameter with 5-16 inch splindles. Price includes one pair knobs, complete with connecting spindle. Mineral knobs are brown mottled; porcelain knobs are white. Jet knobs are black.
4P3477. Mineral knobs for rim locks. Each.....7c
4P3479. Porcelain knobs for rim locks. Each.....8c
4P3481. Jet knobs for rim locks. Each.....9c
4P3483. Mineral knobs for mortise locks. Each.....7c
4P3485. Porcelain knobs for mortise locks. Each.....8c
4P3487. Jet knobs for mortise locks. Each.....9c

HORIZONTAL RIM KNOB LOCK



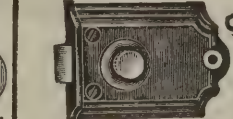
Size 3 3/4 x 4 in. With iron bolts, tinned malleable key.
4P3421. Lock only without knob. Each.....10c
4P3423. With brown mineral knob. Per set.....17c
4P3425. With jet knob. Per set.....19c

HORIZONTAL RIM DEAD LOCKS



Size 2x2 1/2 in. Japanned iron case and escutcheons, iron key. Complete with screws.
4P3433. Lock only without knobs. Each.....10c
4P3435. With brown mineral knobs. Per set.....17c
4P3437. With jet knobs. Per set.....19c

TUBULAR RIM NIGHT LATCH



4P3449. Japanned iron case, sizes 3 1/2 x 2 1/2 inches. For doors up to 1 1/2 inches thick. Japanned case, iron bolts, nickel plated flat steel keys, bronze metal escutcheons, beveled strike with screws reversible.
Price.....33c

SINGLE ACTING ADJUSTABLE TENSION SPRING HINGES

4P3509. Swings one way. Reversible for right or left hand doors. Black Japanned finish.
Size, For Doors, Price,
Inches Thickness, Inches Per pair
3.....1/2 to 1.....\$0.39
4.....1/2 to 1 1/4......62
5.....1 to 1 1/4......85
6.....1 1/4 to 1 1/2......92
8.....1 1/2 to 2.....1.20

DOUBLE ACTING ADJUSTABLE TENSION SPRING HINGES

4P3541. Swings both ways. Reversible for right or left hand doors. Black japanned finish.
Size, For Doors, Price,
Inches Thickness, Inches Per pair
3.....1/2 to 1.....\$0.30
4.....1/2 to 1 1/4.....1.03
5.....1 to 1 1/4.....1.26
6.....1 1/4 to 1 1/2.....1.73
8.....1 1/2 to 2.....2.97

CLARK'S GRAVITY BLIND HINGES

4P3441. For frame h. o. s. a. Throws blind 1 1/4 in. from casing. Set includes four hinges and two fasteners. Flat head screws are to be used with these sets.
Per set.....8c

CABINET HINGES

For cabinets, china closets, etc. Wrought steel beautifully finished, strong and durable. Flat pin size. 2 1/2 x 2 inches. Packed with screws to match.
4P3537. Antique copper finish.
4P3539. Old or lemon brass finish.
Per pair.....12c

THE HARRIS DOUBLE ACTING BALL BEARING FLOOR HINGE



We have overcome the objectionable features of most floor hinges that rest on the surface of the floor, made from heavy wrought steel; the spring from the best oil tempered spring steel; the entire weight of the door is carried on hardened steel ball bearings set in hardened cups.
Lot No. **4P3543.** Japanned finish.....80c
Lot No. **4P3545.** Antique copper finish.....85c
Lot No. **4P3547.** Old or lemon brass finish.....85c

ORNAMENTAL ELECTRO PLATED SURFACE BUTTS

Most artistic and the best appearing butt manufactured. Heavy and strongly made, raised design, giving a massive appearance, beautifully finished. Exceedingly popular, economical, and time saving. They are reversible for right or left hand doors. Size 1 1/2 inch is used largely for Cupboards, Cabinets, Closets, etc. All sizes are loose pin with ball up. Size given is length of joint. Packed with screws to match.
4P3533. Antique copper finish.
4P3535. Old or lemon brass finish.
Size, inches, Price, per pair.....1 1/2 3 3 1/2 4
.....17c 25c 27c 34c

**SASH LOCKS, FASTENERS,
BOLTS, LATCHES,
LIFTS, ETC.,
TRANSOM TRIMMINGS**

QUALITY GUARANTEED

**ALL ITEMS ARE THE
BEST GRADES PRODUCED
TO SELL AT THESE
LOW PRICES**

**METAL
BASE KNOBS**

Bronze plated. Extra long heavy screws. Heavy rubber tip. Length 2½ inches.

4-M-3573. Antique Copper. Per doz. 70¢
Each 70¢
4-M-3574. Lemon Brass. Per doz. 72¢
Each 72¢

**HARDWOOD
BASE
KNOBS**

Rubber Tipped. Well pointed screws. Nicely finished.

4-M-3572. Per doz. 130¢
Each 120¢

**MORTISE
DOOR
BOLTS**

Strong and secure. "T" handle thumb piece. Plates and screws to match.

4-M-3615. Antique Copper. Per doz. 120¢
Each 120¢
4-M-3617. Lemon Brass. Per doz. 120¢
Each 120¢



**STOP SCREWS
AND
WASHERS**

4-P-3657. Antique Copper. Per doz. 60¢
Each 60¢
4-P-3659. Lemon Brass. Per doz. 60¢
Each 60¢



**ELECTRO PLATED
SWINGING DOOR
HOLDERS**

A convenient and practical attachment that will hold a swinging door at any angle desired. Particularly suited to swinging restaurant kitchen doors where an attachment is required that may be operated easily with the foot in passing. Spring release. The rubber tipped bolt will not mar or injure carpet.

4-M-3709. Japanned finish 25¢
4-M-3711. Antique Copper. 40¢
4-M-3713. Lemon Brass. 40¢

CREMORNE BOLTS

For French Windows or Large Casement Sash

**\$2.65
AND UP.**

Prevents
Warping

Cast iron bolt specially adapted for French windows or large casement sash and is furnished with universal strikes. Unless otherwise specified will be furnished with rods for sash up to 8 feet high.

This is the only bolt that will hold the sash in place and prevent warping.



SIDE SASH LOCKS

Holds as firm as a vise; prevents rattling of windows. Locks sash securely at any desired height. Convenient for perfect ventilation. Screws to match.

4-M-3607. Antique Copper. Per doz. 90¢
Each 80¢

**STEEL
SASH
LOCKS**

Electro plated. The strongest and most durable sash lock made. Holds sash closely together, prevents rattling. Screws furnished.

4-P-3601. Antique copper, and old or Lemon Brass. Per doz. 52¢
Each 50¢

**AUSTIN
DESIGN
SASH
LOCKS**



Polished Bronze plated, black background with raised surface. Complete with screws.

4-M-3605. Per dozen 95¢
Each 90¢

**TRANSOM
CATCHES**



Electro plated wrought steel Bronze metal ring and screws to match. Size, 2¼ x 1½ inches.

4-M-3553. Antique Copper. Polished. Doz. 85¢
Each 80¢
4-M-3555. Lemon Brass finish. Doz. 85¢
Each 80¢

**ELECTRO PLATED WROUGHT
STEEL CHAIN BOLTS**

Length, 6 inches with 2 feet of chain. Screws to match.

4-P-3511. Antique Copper. 30¢
4-P-3513. Lemon Brass. 30¢

FOOT BOLTS

Electro plated wrought steel, spring release. Length 6 inches. Screws to match.

4-P-3515. Antique Copper. 28¢
4-P-3517. Lemon Brass. 28¢



**REVERSIBLE
CASEMENT**

Fasteners. Size, 1½ x 1½ inches. Screws to match.

4-P-3587. Antique Copper. Per set. 14¢
4-P-3588. Lemon Brass. Per set. 14¢

**POLISHED
BRONZE METAL**

4-P-3589. Antique Copper. Per set. 33¢
4-P-3590. Lemon Brass. Per set. 33¢



FLUSH BOLTS

A heavy cast iron plated Flush Bolt, 1 in. wide; furnished in two sizes. For use on Casement Sash or French Windows. Complete with screws.

4-P-15010. 6-inch Flush Bolts. Lemon Brass, each. 35¢

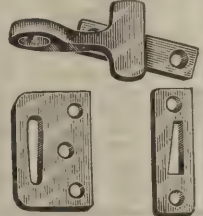
4-P-15011. 6-inch Flush Bolts. Antique Copper, each. 35¢



4-M-15000. Antique Copper. Price each. \$5.40
4-M-15001. Lemon Brass. Price each. 5.40

CAST IRON PLATED

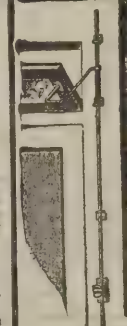
4-M-15002. Antique Copper. Price each. 2.65
4-M-15003. Lemon Brass. Price each. 2.65



**CASEMENT WINDOW
FASTENERS**

Cast iron plated; either right or left hand. Size of plate, 2½ in. by ¾ in. Has a double strike for single sash opening in, or pairs of sash opening out.

4-P-15006. Plate Metal, Lemon Brass finish, each. 25¢
4-P-15007. Plate Metal, Antique Copper finish, each. 25¢



TRANSOM LIFTERS

Used in connection with transoms hinged at top, bottom or pivoted in the middle. By means of this lifter transoms can be opened or locked at any angle, affording ample means of ventilation. Strong and durable.

4-M-3519. Plain Coppered Finish. Length, feet. 3 4 5
Price, each. 90¢ 110¢ 200¢
4-M-3521. Electro Bronze Plated Antique Copper Finish. Length, feet. 3 4 5
Price, each. 180¢ 210¢ 320¢

**AUSTIN DESIGN BRONZE
PLATED CAST HOOK SASH
BOLTS**

4-M-3531. Per dozen. 330¢
Each 300¢



BARREL BOLTS

4-M-3855. Wrought steel, nicely japanned. Polished steel bolt and brass knob. Length of bolt, in. 3 4 5 6
Each 30¢ 45¢ 55¢ 65¢
Per dozen 340¢ 450¢ 550¢ 650¢

**VENTILATING SASH
FASTENERS**

Permits opening of windows at top, bottom or both top and bottom with perfect security against intrusion. Strong and durably made. Easily attached. Electro bronze plated. Screws to match.

4-M-3639. Antique Copper. Per dozen. \$1.41
Each 130¢
4-M-3641. Lemon Brass. Per dozen. 1.41
Each 130¢



BAR SASH LIFTS

Electro plated wrought steel. Length of handle. 3 inches; length over all, 4 inches.

4-M-3559. Lemon Brass. Doz. 38¢ Each, 40¢
4-M-3557. Antique Copper. Doz. 38¢ Each, 40¢



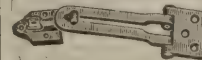
Casement Window Adjuster. Made of plated steel rod, ¾-inch diameter. This adjuster is for sash opening out and will hold the sash at any angle. Two finishes.

4-M-15004. Antique Copper. Price Each. 23¢
4-M-15005. Lemon Brass. Price Each. 23¢

**CONCORD FRENCH WINDOW OR
SCREEN DOOR SET**

Reversible mortise latch 1½ x 1¼ inch square hub for ½-inch spindle; brass front. Can be set by slide knob, which prevents opening from outside.

4-P-15012. Lemon Brass. \$1.10
4-P-15013. Antique Copper. 1.10



SAFETY DOOR FASTENERS

Can be instantly thrown in and out of position. When in position the door can be left opened for the purpose of ventilation without fear of intruders. When thrown out of position the door can be operated without interference of this fastener.

4-M-3491. Malleable iron, antique copper. Each. 37¢
4-M-3493. Malleable iron, lemon brass. Each. 39¢
4-M-3495. Solid Bronze, antique copper. Each. 59¢
4-M-3497. Solid Bronze, lemon brass. Each. 61¢



HOOK SASH LIFTS

Splendid quality, heavy and high grade. Finely finished and made with bevel edges. Size, 1½ inches. Screws to match.

GENUINE WROUGHT BRONZE METAL

4-P-3523. Antique Copper, polished; Old or Lemon Brass. Each. 50¢ Dozen. 500¢

**ELECTRO BRONZE PLATED WROUGHT
STEEL**

4-P-3527. Antique Copper, Polished. Each. 20¢ Dozen. 200¢
4-P-3529. Lemon Brass Finish. Dozen. 200¢

FLUSHED SASH LIFTS

Made of wrought steel, bronze plated. Size, 1½ x 3¼ inches. Complete with screws.

4-M-3567. Antique Copper. Each. 30¢ Dozen. 270¢
4-M-3569. Lemon Brass. Each. 30¢ Dozen. 270¢
Genuine wrought bronze.
4-M-3570. Antique Copper, Old or Lemon Brass finish. Per dozen. 580¢

GENERAL HARDWARE AT A SAVING

SCREEN DOOR SETS



4-M-3673. Consists of one pair japanned back spring hinges, one steel door pull, one hook and eye, complete with screws. Per Set..... **10c**

SCREEN DOOR CATCHES

4-M-3675.

Vienna bronze finish for doors $\frac{3}{4}$ to 1 $\frac{3}{4}$ inches thick. To be used on doors opening outwards. Furnished complete with stop, knobs and screws.

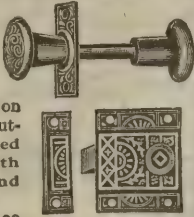
Per dozen sets.....**\$1.29**

Per set.....**12c**

4-M-3677. Electro bronze plated raised surface, dull back-ground. Complete with stop, knobs and screws.

Per dozen sets.....**\$2.69**

Per set.....**23c**



SCREEN DOOR HINGES

4-M-3679. Hold back spring hinges, the strongest and best manufactured. Japanned case. Screws not furnished.

Per pair.....**8c**

Per dozen pairs.....**85c**



WARNER SCREEN DOOR HINGES

4-M-3685. Made of heavy spring steel wire, copper plated.

Each.....**5c**

Per dozen.....**57c**

DOUBLE PATTERN COAT HAT AND UMBRELLA HOOK



4-P-3665. Double pattern. Height 9 inches. Projects from wall $4\frac{1}{2}$ inches.

Spread 10 inches. Each.....**20c**

Per dozen.....**\$2.25**



CLOSET AND WARDROBE HOOKS

4-P-3669. Made from heavy copper plated plain steel wire. Will not rust. Gimlet pointed screws. Length 3 inches.

Per dozen.....**9c**

Per gross.....**\$1.00**

COAT AND HAT HOOKS

4-P-3667. Made of copper plated spring steel wire. Gimlet pointed screws. Length 3 inches.

Per dozen.....**9c**

Per gross.....**\$1.00**



4-M-3674. Japanned Iron, a strong durable hook with screw end. Quickly and easily put up without the aid of tools. Serviceable and satisfactory.

Per dozen.....**8c**

Per gross.....**90c**

4-P-3671. Heavy iron hooks. Suitable for schools and public coat rooms. Japanned finish. Strong and durable. Length 3 ins.

Per dozen.....**24c**

Per gross.....**\$2.75**



CAST IRON FOOT SCRAPER

Japanned finish. 4-M-3661

Each.....**3c**



STEEL FOOT SCRAPER

4-M-3635. Strongest most rigid foot scraper made. Length 6 inches, height 2 inches.

Each.....**8c**

BOX OR TRUCK CASTERS.

4-P-3801. Heavy Iron Stationary Box or Truck Casters. Strong and substantial. Price does not include screws.

3 in. Wheel, per doz., \$1.70 Ea., 15c

4 in. Wheel, per doz., 2.25 Ea., 20c

SWIVEL IRON BOX OR TRUCK CASTERS.

4-P-3803.

3 in. Wheel, per doz., \$1.95. Each 19c

4 in. Wheel, per doz., 2.38 Each, 22c

ROLLER BEARING IRON BOX OR TRUCK CASTERS.

For Trucks, Boxes, Chests or any other purpose where a Strong, Heavy Caster is required.

Size of Wheel	Size of Plate	Per Dozen Set	Per Set
4-P-3805. 1 1/2"	1 3/16x2	\$2.00	18c
4-P-3806. 1 1/2"	1 1/2x2	2.42	24c
4-P-3807. 1 1/2"	1 7/8x2 1/4	3.00	28c
4-P-3808. 2"	2 1/4x3 1/4	3.75	35c
4-P-3809. 2 1/2"	3 x 4 1/2	8.33	73c
4-P-3810. 3"	3 3/4x4 3/4	11.65	1.08

WROUGHT STEEL ELECTRO COPPER PLATED BARREL BOLTS.

Complete with screws to match.

4-M-3856. Antique Copper Finish.

4-M-3857. Old or Lemon Brass Finish.

Length, inches.....

Each.....

Per dozen.....



"FAULTLESS" PHILADELPHIA SHORT STEM STEEL HORN CASTERS.

4-M-3815. Faultless Philadelphia Short Stem Steel Horn Casters. $\frac{3}{4}$ x 1 1/2 in. sockets hard maple wheels.

Size Wheel Inches...1 1/16 1 1/4 1 1/2

Price Per Set.....9c 10c 11c

Price Per Dozen Set \$1.02 \$1.12 \$1.24

4-M-3816.

Size Wheel Inches...1 1/16 1 1/4 1 1/2

Price Per Set.....10c 12c 13c

Price Per Dozen Set \$1.12 \$1.37 \$1.50

"FAULTLESS" BED CASTERS.

Faultless Bed Casters and Sockets for Iron Beds. Steel horn, maple wheels.

4-M-3817. To Fit Tubing 7/8 in. outside

Size of wheel 1 1/2 in. Price per set.....13c

Price Per Dozen Sets.....\$1.50

4-M-3818. To Fit Tubing 1 in. outside

Size of wheel 1 3/4 in. Price per set.....15c

Price Per Dozen Sets.....\$1.70

4-M-3819. To Fit Tubing 1 1/8 in. outside

Size of wheel 1 3/4 in. Price per set.....17c

Price Per Dozen Sets.....\$1.93

STOVE OR FURNITURE CASTERS.

Just the thing for putting your stove away in the spring. Heavy stoves could be easily moved around the house with a set of these Casters. They are also heavy enough for use with other furniture of heavy weight. Can be attached to a box or platform.

4-P-3829. Price, per set of 4.....**85c**



PICTURE MOLDING HOOKS.



4-M-3848. Brass Plated. Per Dozen.....**5c**

SOLID BRASS PICTURE MOLDING HOOKS.

4-M-3849. Per Dozen.....**20c**

BRIGHT WIRE SCREW HOOKS. Full size, perfectly pointed. In ordering, be sure to state number and length required; also if straight or bent Hooks.



4-P-3851.

Length, Inch. Doz.

1 1/2.....2c

1 3/4.....3c

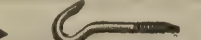
2.....5c

2 1/2.....6c

3.....9c

3 1/2.....9c

4.....14c



4-P-3852.

Straight Pattern. Bent Pattern.

Doz. Doz.

2c 2c

3c 4c

5c 5c

6c 6c

7c 7c

14c 14c

PICTURE KNOBS.

4-M-3850. White

Porcelain Knobs.

Round head, gimlet

pointed screws.

Per dozen.....**13c**

SCREW AND CUP HOOKS.

Polished Brass, Full Size.

Either kind same price. Be sure

to state Number and Size re-

quired.

4-P-3853. Screw Hooks.

4-P-3854. Cup Hooks.

Size, In. Per Doz.

1/2.....7c

3/4.....9c

1.....11c

1 1/4.....12c

1 1/2.....14c

ORNAMENTAL THUMB LATCHES AND HANDLES

4-M-3633.

Bronze finish.

For doors $\frac{3}{4}$ to

1 1/2 inches thick.

Complete with

screws.

Each.....**6c**

Per dozen.....**67c**



SPIRAL DOOR SPRINGS

4-1/4-3683. Made from special grade highly tempered steel wire, fastened securely to the bracket and spring holder. Adjustable tension. Length 10 inches. Per dozen.....**85c**

Price.....**10c**

Each.....**10c**

Each.....**10c**

Each.....**10c**

Each.....**10c**

Each.....**10c**

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Each.....**10c**

Each.....**10c**

Each.....**10c**

MONEY SAVED ENORMOUS STOCK BOUGHT CHEAPER THAN COST TO MAKE HAY CARRIERS

LOWEST PRICES! GREATEST STRENGTH. THEY SAVE YOU MONEY AND WORK

PRICE You no doubt know better than anyone else, the advantages of a Hay Carrier, but do you know that here you have the greatest bargain ever offered in this class of high grade farm equipment? We have purchased over 10,000 of these outfits, at a price below cost of material; that is why we undersell the world.

ECONOMY Every part of these outfits, from the smallest bolt up, were selected to stand the hardest usage. The whole affair is designed for the purpose by a great barn designer, so that you can get the smoothest running and easiest to operate hay carrier outfit.

STEEL TRACK OUTFITS COMPLETE

4-P-11201. For 30 foot barn, consisting of one double swivel hay-fork carrier, 80 feet of double steel angle track with couplings and bolts. Twelve rafter brackets. Twelve hanging hooks, four floor harpoon short time double harpoon hay-fork. 3 steel yoke, knot passing pulleys. One hundred feet of $\frac{1}{2}$ inch Manila rope. Forty feet $\frac{3}{4}$ inch Manila Trip rope. Price **\$11.55**

The outfits below include the same equipment as 4-P-11201, but in greater quantities for larger barns.

4-P-11203. Complete outfit for 35 ft. barn, including 110 ft. of $\frac{1}{2}$ inch Manila Hay rope, and 45 ft. of $\frac{3}{4}$ inch Manila Trip rope. Price **\$12.52**

4-P-11205. Complete outfit for 40 foot barn, including 120 feet of $\frac{1}{2}$ inch Manila hay rope, 50 feet of $\frac{3}{4}$ inch Manila Trip rope. Price **\$13.43**

4-P-11207. Complete outfit for 45 foot barn, including 130 feet of $\frac{1}{2}$ inch Manila Hay rope, and 55 feet of $\frac{3}{4}$ inch Manila Trip rope. Price **\$14.35**

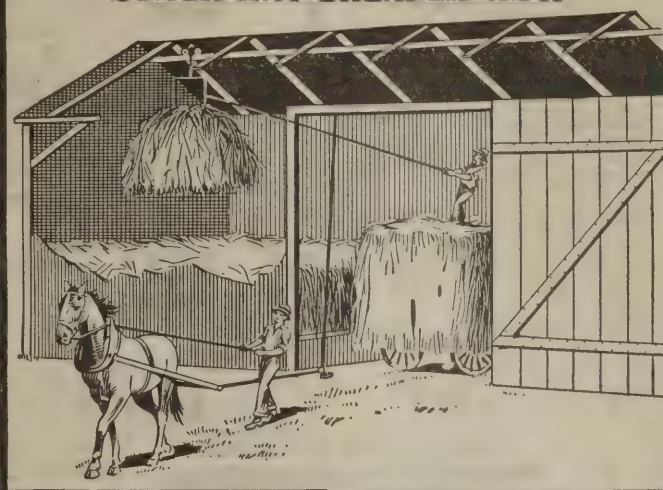
4-P-11209. Complete outfit for 50 foot barn including 140 feet of $\frac{1}{2}$ inch Manila Hay rope, and 60 feet of $\frac{3}{4}$ inch Manila Trip rope. Price **\$15.34**

4-P-11211. Complete outfit for 55 foot barn, including 150 feet of $\frac{1}{2}$ inch Manila rope, and 65 feet of $\frac{3}{4}$ inch Manila Trip rope. Price **\$15.95**

4-P-11213. Complete outfit for 60 foot barn, including 160 feet of $\frac{1}{2}$ inch Manila rope, 70 feet of $\frac{3}{4}$ inch Manila Trip rope. Price **\$16.83**

4-P-11214. Outfit for 65 foot barn complete, including 170 feet $\frac{1}{2}$ inch Manila hay rope and 70 feet $\frac{3}{4}$ inch Manila Trip rope. Price **\$18.04**

STACK HAY CHEAPER NOW



4-P-11215. Complete outfit for 70 foot barn, including 180 feet of $\frac{1}{2}$ inch Manila rope, and 75 feet of $\frac{3}{4}$ inch Manila Trip rope. Price **\$18.64**

Remember, we furnish complete track, rafter-brackets, bolts and hanging hooks with each outfit.

If your barn is different or you don't think that any of our regular outfits are exactly suited to your needs, just write us what your special problems are. We will select you a complete outfit to suit your requirements. Our experts have spent years in this kind of work and understand every difficulty that can arise. Don't hesitate to call on us for plans and advice. We give them to you free. We want to help you get the right outfit, and assure you of absolute satisfaction.

The carriers are extra heavy and have no springs to get out of adjustment. The track is a double steel angle, and is furnished in 10 ft. lengths; the rope is of best quality, pure Manila. Each outfit named below is furnished complete for the size barn specified. To save delay we strongly advise ordering any of the assortments thus described. The hay rope furnished is $\frac{1}{2}$ inch in diameter. Compare our assortments with others, and you will find that we furnish a more complete outfit than any other on the market.

BARGAINS THAT YOU CAN NOT AFFORD TO PASS. DECIDE NOW!

WOOD TRACK OUTFITS COMPLETE

4-P-11217. For 30 foot barn, consisting of one double swivel hay carrier, 12 rafter brackets, 12 hanging hooks, 4 floor hooks, one double harpoon short time hay fork, 3 steel yoke knot passing pulleys, 100 foot of $\frac{1}{2}$ inch Manila hay rope, 40 feet $\frac{3}{4}$ inch Manila Trip rope. Price **\$8.71**

4-P-11219. For 35 foot barn, consisting of: 1 double swivel Hay Carrier, 14 rafter brackets, 14 hanging hooks, 4 floor hooks, 1 double harpoon short time Hay Fork, 3 steel yoke knot passing pulleys, 110 feet $\frac{1}{2}$ inch Manila hay rope, 45 feet $\frac{3}{4}$ inch Manila trip rope. Price **\$9.17**

4-P-11221. For 40 foot barn, consisting of: 1 double swivel Hay Carrier, 16 rafter brackets, 16 hanging hooks, 4 floor hooks, 1 double harpoon short time Hay Fork, 3 steel yoke knot passing pulleys, 120 feet $\frac{1}{2}$ inch Manila hay rope, 50 feet $\frac{3}{4}$ inch Manila trip rope. Price **\$9.63**

4-P-11223. For 50 foot barn, consisting of: 1 double swivel Hay Carrier, 20 rafter brackets, 20 hanging hooks, 4 floor hooks, 1 double harpoon short time Hay Fork, 3 steel yoke knot passing pulleys, 140 feet $\frac{1}{2}$ inch Manila hay rope, 55 feet $\frac{3}{4}$ inch Manila trip rope. Price **\$10.56**

4-P-11225. For 55 foot barn, consisting of: 1 double swivel Hay Carrier, 22 rafter brackets, 22 hanging hooks, 4 floor hooks, 3 steel yoke knot passing pulleys, 150 feet $\frac{1}{2}$ inch Manila hay rope, 60 feet $\frac{3}{4}$ inch Manila trip rope. Price **\$11.00**

4-P-11227. Complete outfit for 60 ft. barn... **\$11.48**

4-P-11229. Complete outfit for 65 ft. barn... **\$11.94**

4-P-11231. Complete outfit for 70 ft. barn... **\$12.40**

WIRE CABLE BARN OUTFITS

4-P-11233. Outfit for 30 foot barn, consisting of one reversible cable carrier, 30 feet of $\frac{1}{2}$ inch galvanized wire cable, two eye bolts, 2 cable clamps, 3 steel yoke knot passing pulleys, 4 floor hooks, 1 double harpoon short time hay fork, 100 feet of $\frac{3}{4}$ inch Manila hay rope, 40 feet of $\frac{1}{2}$ inch Manila Trip rope. Price **\$8.75**

4-P-11236. Complete outfit for 40 foot barn. Price **\$9.79**

4-P-11237. Complete outfit for 50 foot barn. Price **\$10.12**

4-P-11239. Complete outfit for 60 foot barn. Price **\$11.60**

Bear in mind that we furnish complete rope, cable, bolts, etc., for each outfit.

PRICES S-M-A-S-H-E-D ADJUSTABLE CATTLE STANCHIONS

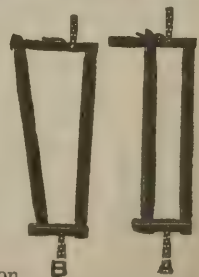
This adjustable cable stanchion allows the animal a natural position at all times, can be immediately adjusted by setting the upright bars $5\frac{1}{2}$, 6, 7 and 8 inches apart. Easily locked, and only the attendant can open it and release the animal. It is opened by merely lifting the steel lock that connects the pivoted part.

The illustration on the right shows the stanchion in place, locked; the one on the left shows the stanchion open, held firmly in position by steel wrought straps. It is impossible for the animal to turn it, and no trouble is experienced by the animal putting his head in the stanchion.

They are made of the best quality of hardwood, nicely finished; height, 4 feet with $6\frac{1}{2}$ -inch space between upright bars, and can be very easily adjusted to $5\frac{1}{2}$ inches space, so that it can be used for young stock. The other spaces are suitable for cattle of any size. Top and bottom are made of steel. This is the strongest and lightest stanchion on the market, weighing but 15 pounds each. Sold in lots of 6 or more; shipped from factory southern Wisconsin.

4-M-11243—
Price for 6.....

\$5.75



WIRE CABLE FIELD OUTFITS

4-M-11241. For 50-foot field stacking outfits, consisting of one reversible cable carrier, one double harpoon short time hay fork, 150 ft. of half-inch galvanized wire strand, 2 clamps for making loops around end stacks, 2 collars to prevent post working inward; 2 long bolts for the top of posts; 3 steel yoke knot passing pulleys; 140 feet of $\frac{1}{2}$ -inch Manila hay rope; 65 feet of $\frac{3}{4}$ -inch Manila Trip rope. Price complete **\$11.55**

HAY CARRIER TOOLS

\$3.25

DOUBLE SWIVEL HAY CARRIERS. With Improved Locking Device.



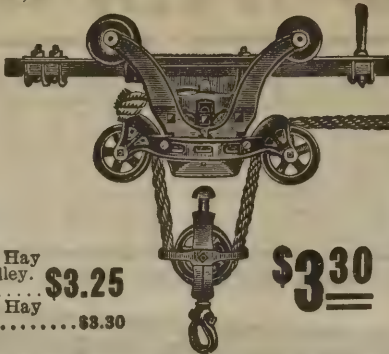
Has but two pieces, which makes it an absolutely positive lock. No springs or unnecessary parts to get out of order. Will work either way, by changing pulley from one end of the barn to the other, making it unnecessary to untie the ropes from other pulleys. This simple method is a big feature not generally found in other carriers.

4-P-11301. Wood track double swivel Hay Carrier complete with stop and fork pulley. Price,

\$3.25

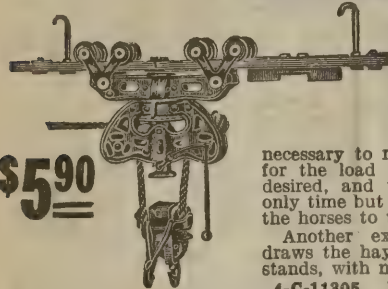
4-P-11303. Steel track double swivel Hay Carrier complete with stop and fork pulley. Price,

\$3.30



\$3.30

DOUBLE SWIVEL SLING HAY CARRIER.



\$5.90

Made of the best malleable iron, heavy and durable, simple in construction. The special feature of this swivel carrier is that often when the barn is empty it is not necessary to raise a load up to the track, for the load can be raised to any point desired, and tripped, thereby saving not only time but half the distance or more for the horses to travel.

Another excellent feature is that it draws the hay or grain direct as the load stands, with no twist in the rope.

4-C-11305. Wood track swivel sling carrier. Price,

\$5.87

4-C-11307. Steel track swivel sling carrier. Price,

\$5.90

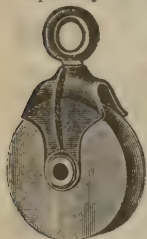


\$5.87

SNATCH PULLEY BLOCK.

4-P-11309. To shorten travel of horse without reducing the power. Horses travel only half the distance hay is carried. Frame is made of malleable iron with iron sheave. For use with Manila rope only. Price, each,

46c



IRON YOKE HAY FORK PULLEY.

4-P-11311. With loose hollow pin, hard maple sheave, 5 1/2 inch. Price, each,

18c

WOOD FRAME HAY FORK PULLEY.

(Self Oiling.)

4-C-11313. Frame and sheave are made of the best hard maple, fitted with wrought iron yoke, malleable iron eye and swivel springs—the most durable hay fork pulley manufactured. Price, each,

21c



STEEL YOKE KNOT PASSING PULLEY.

4-P-11315. With maple sheave, 5 1/2 inch diameter. Price, each,

22c



ROPE HITCH WITH SWIVEL HOOK.

4-M-11317. Made of Malleable iron. Will take rope up to 1 inch. Saves cutting or tying the rope. Price, each,

14c



DOUBLE ANGLE STEEL TRACK.



4-P-11319. Made only in five and ten foot lengths. Furnished complete with couplings and bolts. Two end bumpers are furnished with track when 30 feet or more are ordered. Price, per foot,

10c

6c

STEEL TRACK HANGING HOOKS.

4-P-11321. For double steel angle track. Price, each,

7c

WOOD TRACK HANGING HOOKS.

4-P-11323. 14 inches along the bend. Price each,

6c

FLOOR HOOKS.

4-P-11325. Used to screw to floor to hold pulleys. Diameter, 1/2 inch. Price, each,

7c

JOINED HANGING HOOKS.

4-P-11327. Used for hanging wood track to beams without using rafter brackets. Price, each,

9c

RAFTER BRACKETS.

4-P-11329. For Hay carrier track. Price, each,

3c

EYE BOLTS.

4-P-11331. For fastening Hay Carrier Cable to end of barn. Has long threads to take up slack. Price, each,

28c

HAY CARRIER ROPE

Good quality Manila Rope suitable for Hay Carrier purposes. We furnish this rope in connection with Hay Carrier Outfits as described in our catalog. The 3" is used for the trip and the 2" is generally used for the carrier, although in connection with our outfits, either the 2" or the 1 1/2" rope can be used.

2-P-11617.

Size, inches
3c 1 1/2c 2c 3c 4c
Size, inches
5c 6c 8c 9c 13c
Price, per foot

2c 1 1/2c 2c 3c 4c
1 1/2c 2c 3c 4c 5c
1 1/2c 2c 3c 4c 5c

SELF-LOCKING SLING PULLEY.



4-P-11333. Can be used in connection with our Double Swivel Hay Carrier. The simplest and strongest sling pulley ever offered. It has no springs, and regardless of how large or how small the load of hay is in the wagon sling, it will lock at any place.

When the knob of the Sling Pulley enters the Hay Carrier, the entire weight of hay is on this knob and throws the lock against the rope between the two pulleys and when the load is dumped and Hay Carrier is returned and strikes the stop block, the knob drops, the sling pulley is unlocked and is ready for another load. Price,

\$1.68

SINGLE HARPOON HAY FORKS.



4-P-11335. Regulation size, made of best materials. Price, each,

\$1.56

DOUBLE HARPOON HAY FORKS.



4-P-11337. Short time, Double Harpoon Hay Fork, 25 inch time, 16 inches between points. Made of best quality material. Price, each,

\$1.08

4-P-11339. Long time, Double Harpoon Hay Fork, times 30 inches long, 16 inches between points. Price, each,

\$1.20

4-P-11341. Double Harpoon Hay Fork, 34 inch times, 22 inches between points. Designed for handling alfalfa and straw. Can be used, however, for handling any kind of hay. Price, each,

\$2.05

HAY GRAPPLE FORKS.

The best and strongest Grapple Forks manufactured.

4-P-11343. 4 time Grapple Fork for regular work. Price, each,

\$3.70

4-P-11345. 6 time Grapple Fork for short hay, loose straw. Price, each,

\$4.49



STANDARD ADJUSTABLE WAGON SLINGS.



Made for an 18 foot wagon rack. They can be made shorter for any size wagon by drawing the ropes through the wood bars and tying another knot on each side of wood bars. There is a center trip on all slings and they are fitted with the best and simplest lock.

An outfit generally consists of one sling pulley and three wagon slings, so as to take off an entire load in three lots. The trip rope is of proper length, permitting the sling to be easily tripped. Sling pulleys or sling carriers must be used with wagon slings.

4-P-11347. Length, 4 foot. Price, each,

\$1.73

4-P-11349. Length, 5 foot. Price, each,

\$1.97

4-P-11351. Length, 6 foot. Price, each,

\$2.20

GALVANIZED HAY CARRIER CABLE.



2-L-11353. 1/2 inch diameter, composed of 7 wires. Price, per foot,

2c

2-L-11355. Clamps for cable Hay carriers. Price, each,

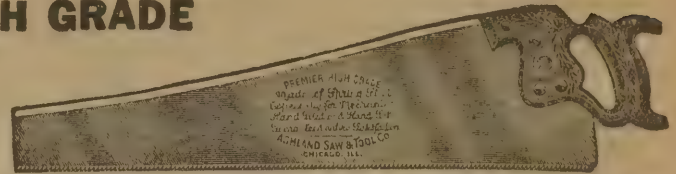
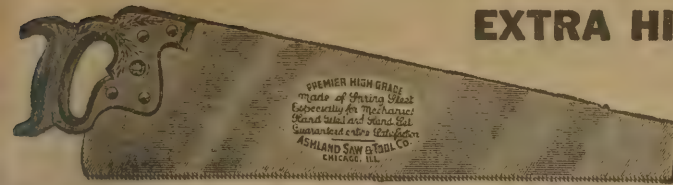
7c

2-L-11357. Collars for cable Hay carriers. Price, each,

14c

"PREMIER" HAND SAWS

EXTRA HIGH GRADE



PREMIER HAND SAWS

Premier Saws are hand made, hand filed and hand set. The material, workmanship and finish is far superior to the popular brand saws. Every detail in the manufacture is perfect and no saw leaves the factory that is not carefully inspected and tested. We want your saw orders and fully realize that in face of competition we must furnish a saw that will be entirely satisfactory to the most critical mechanic. Premier Hand Saws will do this, as they are made in the most careful and approved manner by the best sawsmiths in the trade.

4-M-4801. Premier extra high grade straight back, panel or hand saws.

Length	Points to the inch	Each
18-inch panel..	9, 10, 11, or 12	\$0.95
20-inch panel..	9, 10, 11, or 12	1.05
22-inch panel..	9, 10, 11, or 12	1.10
24-inch hand..	8, 9, 10 or 11..	1.15
26-inch hand..	7, 8, 9, 10 or 11..	1.25
28-inch hand..	6, 7 or 8	1.40

4-M-4803. Premier extra high grade, straight back, Rip saws.

Length	Points to the inch	Each
24-inch	5, 5½, 6 or 6½	\$1.25
26-inch	5, 5½ or 6	1.30
28-inch	4, 4½, 5, 5½ or 6	1.45
30-inch	4½ or 5	1.65

WARRANTED

to give satisfaction or they can be returned to us and the full purchase price will be promptly refunded. The blades are of special refined spring steel, perfectly tempered, full taper ground, thin back. The teeth are full beveled, hand filed and hand set and will hold a fast cutting edge; will not bind and will run with very little set. The handles are correct in shape, giving the proper hang. Made of selected, seasoned apple wood. 26 and 28-inch saws have five brass screws and the smaller sizes have four. Each Premier Hand Saw is fully warranted and is recommended for use by the mechanic and those who appreciate a good tool.

4-M-4823. Premier extra high grade skew back, panel or hand saws.

Length	Points to the inch	Each
18-inch panel..	9, 10, 11 or 12	\$0.95
20-inch panel..	9, 10, 11 or 12	1.05
22-inch panel..	9, 10, 11 or 12	1.10
24-inch hand..	8, 9, 10 or 11..	1.15
26-inch hand..	7, 8, 9, 10 or 11..	1.25
28-inch hand..	6, 7 or 8	1.40

4-M-4825. Skew Back Premier extra high grade Rip saws.

Length	Points to the inch	Each
24-inch	5, 5½, 6 or 6½	\$1.25
26-inch	5, 5½ or 6	1.30
28-inch	4, 4½, 5, 5½ or 6	1.65

"Chicago Special" Hand Saws

The best general purpose saw ever offered. Made of high grade crucible saw steel, smithed and blocked by hand. Full taper ground, thin back. Teeth are full beveled, hand filed and hand set, ready for use. Strictly first class in every particular and are used largely by mechanics, who find them superior to saws sold elsewhere at prices ranging from \$1.25 to \$1.75. Selected cherry handles. Four brass screws. Made only with wide straight back thin ground.



4-H-4805. Chicago Special panel or hand saws.

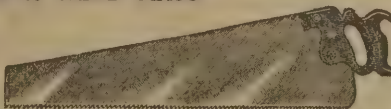
Length	Points to the inch	Each
18-inch panel..	9, 10, 11 or 12	\$0.75
20-inch panel..	9, 10, 11 or 12	0.80
22-inch panel..	9, 10, 11 or 12	0.85
24-inch hand..	8, 9, 10 or 11..	0.90
26-inch hand..	7, 8, 9, 10 or 11..	0.95
28-inch hand..	6, 7 or 8	1.10

4-C-4807. Chicago Special Rip Saws.

Length	Points to the inch	Each
24-inch	5, 5½, 6 or 6½	\$0.95
26-inch	5, 5½ or 6	1.00
28-inch	4, 4½, 5, 5½ or 6	1.25

Favorite Hand Saws

Made of good grade saw steel, set sharpened and ready for use. Hardwood handle, brass screws. A saw which will give excellent satisfaction for house and general use. It is not intended for carpenters' or mechanics' use.



4-M-4809. Favorite panel or hand saws.

Length	Points to the inch	Price
22-inch panel, 10 or 12		\$0.49
24-inch hand, 8, 9 or 10		.54
26-inch hand, 8, 9, or 10		.59

4-M-4811. Favorite rip saws.

Length	Points to the inch	Price
26-inch rip, 5½ or 6 points		59c
28-inch rip, 5, 5½ or 6 points		64c

COMMON COMPASS SAWS



4-C-4812. Made of good grade cast steel. Spring tempered, filed and set. Beechwood handles.

Length, inches	Price
12	14c
14	12c

HIGH GRADE COMPASS SAWS



4-C-4815. Thin back, evenly tempered. Full bevel, filed and set. Beechwood handle, two screws.

Length, inches	Price
10	16
12	20c
14	23c
16	28c

HARRIS BROTHERS CO.
15th & Iron Streets, Chicago.

STEEL FRAME COPING SAW



4-C-4817. Nickel plated steel frame. Depth of cut 4 inches.

Complete with 13 6-inch tempered steel blades.	Price
	14c

BEECHWOOD SAW HANDLES.

4-P-4819. For Hand and Rip Saws.

Price, each	Price, each
10c	10c
4-P-4821. For Panel Saws.	10c



BRASS SAW HANDLE SCREWS.

4-P-4841. Each	4c
4-P-4843. Each	5c



C. E. Jennings & Co.'s No. 70½ Narrow Blade Hand Saw

Ground thin on back and guaranteed to run without set. The special grinding on this saw is such that assists it to run without set. Full concave taper ground and adapted for rapid, smooth cutting.



Blade is of special saw steel, strictly hand made and is very popular with carpenters.

4-C-4827. Jennings' No. 70½ panel or hand saws.

Length	Points to the inch	Each
22-inch panel..	10, 11 or 12	\$1.70
24-inch hand..	8, 9 or 10	1.85
26-inch hand..	7, 8, 9 or 10	2.00

4-C-4829. Jennings' No. 70½ rip saws.

Length	Points to the inch	Each
26-inch rip..	5 or 6	\$2.05
28-inch rip..	4½, 5 or 5½	2.20

Genuine Henry Disston Hand Saws

Disston "D" 8 Hand Hammered Saws. The best known popular brand saw on the market. Guaranteed to be strictly first quality and perfect in every particular. Each saw bears the maker's name. Spring steel patent ground and tempered. Skew back, applewood handle. Five improved brass screws. When ordering be sure and specify the number of points.



4-N-4831. 26-inch Hand Saw. 8, 9, and 10 points. Price..

\$1.87

4-N-4835. 28-inch Rip Saw. 5 or 5½ points. Price.....

\$2.05

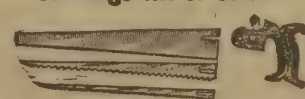
Nail Cutting Saw



4-C-4835. Will cut nails; pipe, bolts, soft sheet metal. Can be filed but does not require setting, being taper concave ground. Length of blade 18 inches.

\$1.40

Jennings Kit of Saws



For Plumbers', Electricians' and Carpenters' use. Consists of one 14-inch nail cutting, one 14-inch compass blade, one 12-inch keyhole blade. Adjustable handle. All blades interchangeable.

Nest of Saws



Consisting of one 14-inch panel saw, one 14-inch compass saw, one 12-inch keyhole saw. All interchangeable.

Our Line of Stereoscopes and Views is complete.

MITRE BOXES, SAW SETS AND VISES, HACK SAWS

LITTLE TOOLS THAT SAVE YOU BIG MONEY IN THE LONG RUN

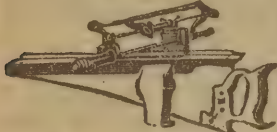
IMPROVED SEAVEY MITER BOX & SAW GUIDE



Adjustable to cut square or at an angle of 22½, 30 and 45 degrees. Panel of hand saw may be used with this guide, thereby doing away with a special saw; especially adapted for cutting moldings of any width or depth. Can be folded and carried in a tool chest.

4-M-4911. Price without saw..... **\$1.99**

ADJUSTABLE SAW FILING GUIDE



Used for filing saws with any style, bench vise, can always be used in connection with the regular saw vise, adjustable to file at any angle any level and

exact depth, Japanned finish. **98c**

4-M-4947. Price complete with file..... **98c**

BALL & SOCKET SAW VISE

No carpenter nor mechanic should be without this handy tool. It will save many times its original cost inside of a month.

Our price is the lowest of all on similar articles.

The reliable ball and socket saw vise is adjustable with bench clamp and can be set at any angle. Length of jaws 9½ inches, Japanned finish. Weight 9 lbs.

4-M-4941. Price each..... **52c**

REVOLVING ECCENTRIC ANVIL SAW SET



Shows the required bevel and length of all saws ranging from 4 to 16 teeth to the inch. Figure on dial indicates number of

teeth to the inch, and always in sight. Anvil and Plunger made of hardened steel with tempered steel spring. Weight 10 oz.

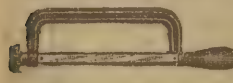
4-M-4928. Price **65c**

MITER BOX SAWS

Made from high grade tool steel, carefully hardened and tempered, evenly ground, hand filed set ready for use, heavy back. Width of blade under back 4 inches.

4-M-4913. Length, inch... 22 24 28
Price each... **\$1.50 \$1.75 \$2.00**

ADJUSTABLE IRON FRAME HACK SAWS



Strong iron adjustable frame, strong, endurable and the best low price hack saw on the market. Weight

10 oz.
4-M-4951. Price complete with one 8 inch blade **14c**

ALL STEEL FOLDING SAW VISE



The most durable saw vise and the lightest tool to carry in tool chest, can be attached or detached instantly without clamping vise by means of folding hooks, jaws are 14 inches long, nicely japanned. Weight about 2 lbs.

4-M-4950. Price each.... **65c**

WENTWORTH PATTERN SAW VISE

Flexible rubber cushion between jaws, which prevents vibration and renders saw filing noiseless. Width of Jaws 10½ inches.

Weight 6 lbs.
4-P-4927. Price each. **50c**



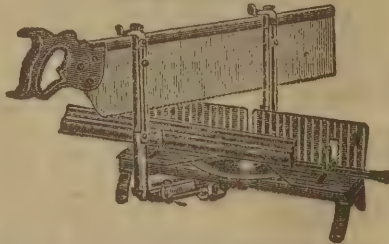
IMPROVED ANVIL SAW SET



With this tool the teeth of the saw can be set with great rapidity and little effort. The lever is on the lower side. The anvil and plunger

are hardened. The spring is of tempered steel, polished Nickel Plated finish, weight 10 oz
4-P-4921. Price each..... **42c**

"LANGDON-ACME" MITER BOXES



Langdon Acme Miter boxes possess all the features heretofore embodied in similar styles but with the following improvements: The guides are one inch longer, which holds the saw steady to the highest capacity, has a graded arc in front with the various degrees marked thereon, saws are secured at all times by means of a small thumb lever in front of box provided with lever gage. Polished parts are all Nickel Plated. A high grade guaranteed saw furnished with this outfit. Size No. 1, capacity at right angles 7½, capacity at the Miter 5 inches. Size No. 2, 2½ capacity, at right angles 10½ inches, at Miter 7 inches.

4-M-4901. Size No. 1 with 24x4 inch saw... **\$ 8.50**
4-M-4903. Size No. 2 with 28x4 inch saw... **10.00**
4-M-4905. Size No. 2½ with 28x5 saw... **11.50**
4-M-4907. Size No. 2½ with 30x5 saw... **12.50**

COMBINATION CROSS CUT SAW TOOL



Cross cut saw filer jointer tooth gage cutting block, a tool that keeps cross cut saws in perfect condition.

4-M-4945. Price with file and directions... **34c**

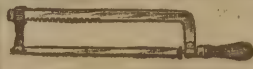
SAW JOINTER & SKATE SHARPENER

Adjustable to any thickness, saw blade can be used with any file.

4-M-4917. Price each... **34c**



RIGID EXTENSION HACK SAW FRAME



Heavy steel Nickel Plated frame adjustable to take blade from 6 to 12

inches.
4-M-4953. Price with one 10 inch blade... **85c**

IMPROVED FOOT POWER SAW SET

Will set a saw from the finest tooth to the two men cross cut saw, easily and quickly. This set is operated by means of a treadle leaving the operators' hands free to hold the saw. Stroke of handle is adjusted by means of thumb screw to striking light or heavy blow. With slight practice an inexperienced person can set a saw as perfectly as when it came from factory



4-M-4943. Price..... **95c**

PERFECTION PATTERN MITER BOXES

A strong serviceable Miter box made of hardwood with metal guide which can be readily detached and folded to carry in a tool chest. Saw guide can instantly be set at angle 22½, 30 and 45 degrees, back saw, panel or hand saw can be used; for cutting to exact depth use a back saw. Wght. 9 lbs.



4-M-4902. Price **\$2.32**

SAW FILING GUIDE & VISE

With this device saw filing is made easy. An inexperienced person can file a saw correctly. The ball and socket which connect the clamp to the vise permits the clamp to be turned in either direction. Jaws are 10½ inches rubber faced, which holds the saw firmly and deadens the noise. File and guide are adjustable. Price complete with directions



4-M-4949. Price **\$1.59**

BACK SAWS

These saws are made from good tool steel with heavy back polished handles with three brass screws, hand filed and set ready for use, each saw fully guaranteed



4-M-4915. Length, inch... 10 12 14 16
Price each... **85c 95c \$1.10 \$1.25**

ADJUSTABLE SAW VISE

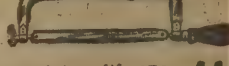
For attachment to work bench this vise has a malleable iron screw clamp and lever and cam to hold it in position. Width of jaws 9½ inches, Japanned finish, weight 4½ lbs.



4-P-4925. Price **38c**

EXTENSION NICKEL PLATED HACK SAW FRAME

Adjustable for blade to be set at four different angles, takes blades 8 to 12 inches.



4-M-4935. Price each, complete with one 8-in. blade **44c**

HANDY KIT OF TOOLS

Handy, practical combination of tools, consisting of Keyhole saw and pad, chisel, screw driver, two wrenches, awl, bit handle made of good quality steel.



4-M-4931. Price per set..... **12c**

MORRELL'S PATTERN SAW SET

Morrell's pattern saw set for handle buck board and jig saw has hardened steel anvil and plunger, tempered steel spring.



4-P-4919. Price **29c**

Our cord wood saw frames are the greatest values ever offered to the public. Turn now to page M. You will save about one-third by getting these high-grade tools from us.

HIGHEST GRADE HACK SAW BLADES

Fast cutting Hack saw blade made of special high carbon steel, properly tempered and are guaranteed to give first class satisfaction. Suitable for cutting

4-P-4937. Length, inch... 8 9 10 12
Price per doz. **33c 38c 44c 49c**

Special Hack saw blades for cutting brass, common pipe and tubing of all kinds. Specially

tempered.
4-M-4939. Length, inch... 8 9 10 12
Price per doz. **35c 40c 47c 52c**



HATCHETS | "Premier" | HAMMERS

Strictly first quality, guaranteed to be perfect in material, workmanship and finish, and to give absolute satisfaction. Especially adapted for mechanics' use; forged from high grade steel, carefully tempered. Handles are selected white hickory, properly balanced and shaped.

48¢

4-M-5003. Premier Claw

Hatchet.	Width of Bit.	Size	Inches	Weight	Price
1	3 1/2	19 oz.		48c	
2	3 3/4	26 oz.		50c	
3	4	31 oz.		52c	

4-M-5009. Premier Broad Hatchet.

Size	Width of Bit, Ins.	Wgt., Lbs.	Price
2	4 1/2	1 1/4	57c
3	5	2 1/4	61c
4	5 1/2	2 3/4	70c
5	6	3	81c

4-M-5001. Premier Shingling Hatchets.

Size...	1	2	3
Width of Bit, in.	3 1/2	3 3/4	4
Weight, oz.	17	23	29
Price...	44c	47c	50c

4-M-5007. Premier High Grade Lathing Hatchets.

Size...	1	2
Width of Bit...	2 1/2 in.	3 in.
Weight...	14 oz.	17 oz.
Price...	43c	45c

4-M-5011. Premier Special Bell Poll Shingling Hatchet.

Size...	1	2
Width of Bit...	3 in.	3 1/2 in.
Weight...	17 oz.	23 oz.
Price...	51c	54c

Premier Special Underhill Pattern Lathing Hatchet.

4-M-5029. Forged from extra tool steel, properly tempered, full polished. Width of bit, 2 in. Weight, not including handle, 15 oz. Price...65c

4-M-5013. Premier Bell Poll Half Hatchet.

Size...	1	2
Width of Bit...	2 1/2 in.	3 in.
Weight...	14 oz.	17 oz.
Price...	49c	52c

Premier Homesteader Handled Axes

4-M-5109. The finest axe ever offered—the best made. Is the finest and easiest cutting axe ever produced. Forged from the best grade of steel. The bits are double refined crucible steel. Accurately ground. Selected handles, Michigan pattern only. Wt. 3 1/2 lb. 4 lb. 4 1/2 lb. 5 lb. Price \$1.04 \$1.08 \$1.12 \$1.20

Premier Special Nail Hammers

4-P-5033. The highest grade, finest finish and one of the best hammers manufactured. Forged from extra tool steel, carefully tempered. Octagon poll, full nickel plated finish. Carefully selected handles fitted and wedged to head. Made with the greatest care to meet with requirements of the most exacting mechanic. These hammers are guaranteed to give absolute satisfaction.

Size	1	1 1/2
Wt., not including handle, lbs.	1 1/4	1
Price	89c	90c

"Ever Ready" Handled Axes

4-M-5115. Ever Ready axes are carefully forged, properly shaped and finished in a superior manner. Handles are hickory stained, properly fitted to axe. A better axe at a lower price than ever before offered. Each and every axe guaranteed. Wt. 3 lbs. 3 1/2 lbs. 4 lbs. 4 1/2 lbs. Price 48c 50c 53c 58c

Premier High Grade Single Bit Axes

4-M-5101. Hand forged from the highest grade steel. Double refined crucible steel bits. Properly shaped and tempered. Will hold a fine cutting edge. Each axe fully guaranteed. Handles not included. Wisconsin, Michigan pattern.

Weight	Price
3 lbs.	75c
3 1/2 lbs.	79c
4 lbs.	84c
4 1/2 lbs.	87c
5 lbs.	90c

Adze Eye Nail Holding Hammer

4-P-5035. With groove on side to hold nails size 10 penny and smaller. Made of the highest crucible steel and properly tempered. Second growth hickory handles properly fitted and wedged to head. Fully guaranteed. Weight, 19 oz., not including handle. Price...95c

Specialty Forged Steel Hammers

Forged from special high grade steel, nicely polished and fitted with a selected Hickory Handle.

Size	1	1 1/2	2
Weight...	20 oz.	16 oz.	13 oz.
Each...	38c	26c	34c

Special Bell Faced Hammer

Made of high grade crucible steel, properly tempered with second growth hickory handle. Properly fitted and wedged to head. Every hammer fully guaranteed.

Size	1	1 1/2	2	3
Weight...	20 oz.	16 oz.	13 oz.	7 oz.
Price...	62c	51c	60c	49c

Cast Steel Hammer

4-P-5019. Strictly first class steel hammer. Will give good service. Nicely finished and fitted with selected hardwood handle. Weight, 16 oz. Price...25c

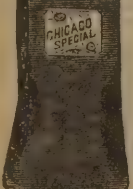
Premier High Grade Double Bit Axes

4-M-5105. Hand forged, full polished, double refined crucible steel bits, properly tempered. The best double bit axe manufactured. Guaranteed to give absolute satisfaction. Handles not included. Wisconsin, Michigan pattern.

Weight	Price
3 1/2 lbs.	82c
4 lbs.	86c
4 1/2 lbs.	89c
5 lbs.	91c
5 1/2 lbs.	94c

Chicago Special Single Bit Axes

4-M-5111. The best axe offered for all ordinary purposes. Absolute satisfaction guaranteed. Will hold a good cutting edge. Forged from good grade of steel. Wisconsin, Michigan pattern.



Weight	Price
3 lbs.	44c
3 1/2 lbs.	45c
4 lbs.	47c
4 1/2 lbs.	50c
5 lbs.	53c

Carpenters' Adzes

4-M-5025. Forged from high grade steel. Has fine cutting edge, properly tempered. Handles not included.

Width cut	3 1/2	4	4 1/2
Weight, lbs.	3 1/4	3 3/4	3 3/4
Price	\$1.05	\$1.09	\$1.13

Premier Broadaxes

4-M-5127. Round corner Canada pattern Broadaxes. Made of high grade steel, properly proportioned. Ready for use. Handles not included.

Wt., lbs.	6	7	7 1/2	8
Wt. cut	10 1/2	11 1/2	12	12 1/2
Each	\$1.90	\$2.15	\$2.25	\$2.35

Woodchoppers' Wedges

Regular pattern made from high grade steel, oil finish.

4-M-5129.	4	5
Weight, pounds	4	5
Price...	12c	15c

Malleable Iron Axe Wedge

4-M-5121. Made with a screw, which prevents handle from pulling out.

Price, each	2c
Per doz.	20c

Truckers Pattern Woodchoppers' Wedge

4-M-5131. Made of the highest grade crucible steel, oil finished.

Weight, lbs.	4	6	8
Price	15c	20c	27c

Saw Wedges

4-M-5133. Made of the highest grade tool steel, oil finished. Nothing better manufactured.

Weight, lbs.	1 1/2	2 1/2
Price...	14c	21c

Oregon Pattern Mauls

4-M-5135. Made of high grade steel, oil finished.

Weight, pounds	6	7	8
Price	45c	60c	75c

Chicago Special Double Bit Axes

4-M-5117. They are strictly hand forged and properly proportioned. Bits are double refined crucible steel and will hold a perfect cutting edge. Natural forge temper finish. These axes are made to retail at \$1.25 each. Handles not included. Wisconsin, Michigan pattern.

Weight	Price
3 lbs.	63c
4 lbs.	66c
4 1/2 lbs.	69c
5 lbs.	72c

**OUR BINDING GUARANTEE
BACK OF EVERY TOOL**

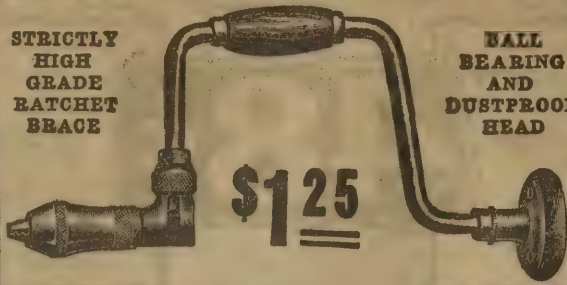
**EXPERT BRACE AND BIT
SET**



4-P-5345. Each and every tool within this set guaranteed. The set consists of one ten-inch high grade ball bearing ratchet bit brace with metal clad head, 8 single twist auger bits, sizes $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ and 1 inch; 8 German pattern gimlet bits, sizes $\frac{1}{8}$ to $\frac{1}{4}$; 1 Mehlsto expansion bit; 1 screw driver bit; 1 square reamer; 1 bit gauge; 1 snail countersink; 1 auger bit file. Complete in a hardwood box.
Price **\$6.89**

BITS & BEST BRACES BUYABLE

**STRICTLY
HIGH
GRADE
RATCHET
BRACE**



**BALL
BEARING
AND
DUSTPROOF
HEAD**

\$1.25

4-P-5337. Here is a brace that we purchased in a two-carload lot from an overstocked manufacturer, at less than cost of materials used. Strictly high grade ratchet brace. Ball bearing dustproof head. Machine made throughout. Cold drawn steel sweep. All metal parts highly polished and heavily nickel plated and nicely finished throughout. Cocobola head and handle with improved metal capped head. Forged alligator spring jaws. Will take square or round shank drills. Sweep, inches, 8, \$1.25; 10, \$1.37; 12, \$1.45.

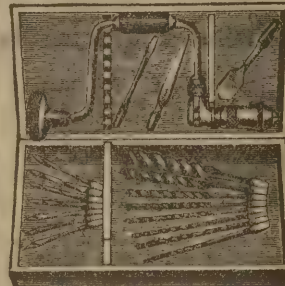
**FINEST TOOLS MADE—LOWEST
PRICES, TOO**

**MECHANICS' FAVORITE BRACE
AND BIT SET**

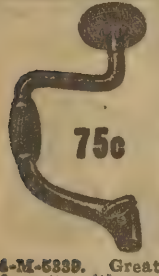


4-M-5321. Every item in this set is carefully selected with a view of furnishing an outfit that is guaranteed to give satisfaction. The set consists of one 10-inch ball bearing dustproof head nickel-plated ratchet brace with forged alligator jaws; 8 Irwin pattern auger bits cutting from $\frac{1}{8}$ to 1 inch; 1 Clark's pattern expansion bit; 1 screw driver bit; 8 German pattern gimlet bits. Put up in a hardwood box.
Price per set **\$4.59**

HARCO BRACE AND BIT SET



4-M-5343. A first-class outfit that will answer all general requirements for form, shop and mechanics' use, consisting of: one 10-inch nickel-plated ratchet brace with alligator jaws; 8 Jennings pattern extension lip auger bits, sizes $\frac{1}{8}$ to 1 inch, 3 bit stock drills; 3 German pattern gimlet bits; 1 screw driver bit; 1 flat countersink and 1 square reamer. Put up in a neat hardwood box. Price per set **\$3.50**



75c



94c

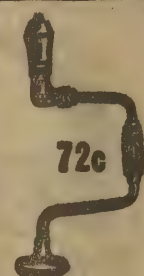


25c

4-M-5339. Great favorite with carriage builders, wood workers and blacksmiths. Solid steel jaws and bows. Cocobola head and handle nickel plated. Holds square shank drill or bit.
Sweep Price
8 inches....\$0.75
10 "....\$1.05
12 "....\$1.35
14 "....\$1.65

4-P-5329. A substantial ratchet brace for all purposes. Metal clad head, cold drawn steel sweep. Ebonized hardwood head and handle. Hardened alligator jaws. Finely polished and nickel plated.
Sweep Price
10 inches....\$0.94
12 inches....\$1.24
14 inches....\$1.54

4-P-5328. A substantial and satisfactory brace for all ordinary use. 7/16 inch cold drawn steel sweep, natural finish. Nicely polished head and handle. The best low priced brace ever offered.
Sweep Price
8 inches....\$0.25
10 inches....\$0.30



72c



55c



48c

4-P-5325. Ring ratchet braces nicely polished. Cold drawn steel sweep alligator jaws. Polished hardwood head and handle. Natural finish, fully warranted.
Sweep Price
10 inches....\$0.72
12 inches....\$0.77

4-P-5335. The best ratchet brace ever offered at this low price. Strong, durable and well made for all ordinary use. Has 7/16-inch cold drawn sweep, hardened steel jaws. Hardwood head and handle.
Sweep Price
10 in. sweep.....\$0.55c

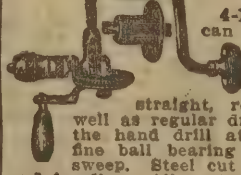
4-P-5327. A strong, durable brace. Ebonized hardwood head and handle. Cold drawn steel sweep. Heavily nickel-plated. Steel alligator jaws.
Sweep Price
8 inches....\$0.43c
10 inches....\$0.54c
12 inches....\$0.63c

BALL BEARING RATCHET DRILL



4-M-5317. Japanned malleable frame polished cocobola handles. Nickel plated chuck. Changeable gear from even to speeded about 8 to 1 with level attachments to show when drill is being held true. Steel alligator jaws will take any size bit stock, also round shank drill bits up to 3 in.
Price **\$2.45**

**COMBINATION BALL BEARING
RATCHET BRACE
AND DRILL**



4-M-5315. A tool which can bore holes in close places. Has ball bearing head and forged steel alligator jaws. Will hold straight, round shank drills, as well as regular drill bits. By removing the hand drill attachment you have a fine ball bearing ratchet brace, 10 in. sweep. Steel cut gears. Cocobola head and handles. All parts are fully nickel-plated. Price **\$2.35**

DOUBLE GEARED RATCHET DRILL



4-M-5333. Ball bearing with level attachment. Heavy nickel-steel frame, 6 in. drive wheel, cut gears. Cocobola handles. Alligator jaws which handle any size bit stock, also round shank drills from $\frac{1}{8}$ to $\frac{1}{2}$ in. Fully warranted.
Price each **\$3.25**

PRATT'S PATENT AUGER



4-M-5341. Used as an auger handle in horizontal position. For use in close places. One handle can be removed and placed at right angles. Can also be used as a ratchet drill.
Price each **\$1.75**

**HANDLE OR
RATCHET
DRILL**

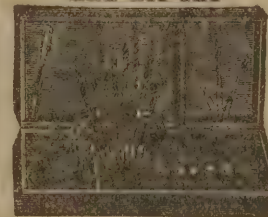
HIGH GRADE PLANE IRONS



Made of high grade steel carefully tempered. All double irons have steel caps.
4-M-5301. All iron and

wood bottom planes. Single Irons.			
Width in in.	1 1/2	2 1/2	3 1/2
Price	18c	20c	22c
4-M-5303. Double Irons.			
Width in in.	1 1/2	2 1/2	3 1/2
Price	31c	33c	35c
4-M-5305. Irons for Beechwood Planes.			
Width in inches.	2	2 1/2	3
Price	23c	25c	27c
4-M-5307. Double Irons.			
Width in inches.	2	2 1/2	3
Price	52c	55c	58c
4-M-5309. Irons for Block Planes.			
Width in inches.	1 1/2	2 1/2	3 1/2
Price	12c	15c	18c

**UTILITY BRACE
AND BIT SET**



4-M-5319. Just what is required for home and farm use. A careful comparison will convince you that we offer more for the money than can be secured elsewhere. This set consists of: one 10-inch nickel-plated ratchet brace; 8 standard double spur bits, $\frac{1}{8}$ to 1 in; 8 German pattern gimlet bits; 1 high grade screw driver bit. Put up in a neat hardwood box.
Price **\$2.39**

PLANE HANDLES

4-M-5311. Selected beechwood/jack plane handles.
Price each **3c**

4-M-5313. Selected beechwood Fore Plane Handles.
Price each **5c**

BALL BEARING RATCHET BIT BRACE

4-M-5331. The best ratchet brace that is possible to produce, and will meet the requirements of the most critical mechanics. It has solid steel chucks. Hardened forged steel alligator jaws, which will hold any size square shank, as well as the small size round shank drills, $\frac{1}{8}$ -in. cold drawn steel sweep, finely polished and heavily nickel plated. Dustproof ball bearing metal clad head, polished cocobola head and handle, steel enclosed frame.



Sweep in inches.	8	10	12	14
Price	\$1.47	\$1.52	\$1.63	\$1.73

**HARRIS BROTHERS CO.
28th & Iron Streets, Chicago.**

**SMOOTH
BOTTOMS**

Adjustable Iron Bench Planes

**CORRUGATED
BOTTOMS**

IRON BLOCK PLANES



Made of superior grade iron castings. Bottoms perfectly smooth. High grade steel cutters, properly tempered. Strictly first class.

4-M-5263. Iron Block Plane. 4 household tool. 1/4 in. long. 1 in. cutter. Price **14c**



4-M-5265. Iron Block Plane. 5 1/2 inches long. 1 1/4-inch cutter. Price **26c**



4-M-5267. Iron Block Plane. 7 inches long. 1 1/2-inch cutter. Price **32c**



4-M-5277. Knuckle Joint Improved Throat Adjustment. For fine or coarse wood. Has improved lateral adjustment for cutter. 4 in. long, 1 1/2 in. cutter. Price **81c**

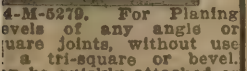


Adjustable iron smooth plane, 9 in. long, 2 in. cutter. Price **\$1.40**

4-P-5201. Smooth bottom. Price **\$1.42**

4-P-5203. Corrugated bottom. Price **\$1.42**

ADJUSTABLE PLANE GAUGE
For Iron or Wood Planes



4-M-5279. For Planing levels of any angle or square joints, without use of a tri-square or bevel. Can be quickly attached or moved. Price **75c**



4-M-5245. For breaking a square. Price is per pair. 1/4-inch **85c**
1/2-inch **86c**
3/4-inch **87c**
1-inch **88c**
1 1/4-inch **89c**
1 1/2-inch **1.02**
1 3/4-inch **1.03**
2-inch **1.17**

NOSING PLANES
4-M-5249. Price **\$0.94**

1-inch **95c**
1 1/4-inch **96c**
1 1/2-inch **97c**
1 3/4-inch **1.07**
2-inch **1.07**

LARSEN BROTHERS CO.
10th & Iron Streets, Chicago.

You can pay more but you cannot buy better planes. The castings are made of special gray iron of unusual toughness and finished in a superior manner. The bottom of the planes are as smooth as it is possible to make them. The cutters are made of the highest grade steel and are much heavier than the ordinary cutter. The cause of this is that the cutting edge is firm and solid and will not chatter in the hardest woods. Fitted with an adjusting lever by means

of which the iron can be easily adjusted sideways, giving an easy lateral adjustment. The handles and knobs are genuine mahogany, highly polished.



We guarantee these planes to give perfect satisfaction or they may be returned to us and we will promptly refund your money.

Special Value

Our Leader, smooth bottom iron jack plane 14 inches long, 2-inch cutter. 4-M-5260. Price **\$1.68**
4-M-5262, corrugated bottom. Price **\$1.68**

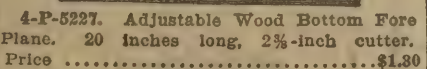


Adjustable Iron Jointer Plane, 22 inches long, 2 1/2-inch cutter.

4-M-5213. Smooth bottom. Price **\$2.28**
4-M-5215. Corrugated bottom. Price **\$2.28**



4-P-5227. Adjustable Wood Bottom Fore Plane. 20 inches long, 2 1/2-inch cutter. Price **\$1.30**



BEECH WOOD PLANES. Made of the most carefully selected seasoned beechwood. Special high grade double cutting irons, properly tempered and ground.



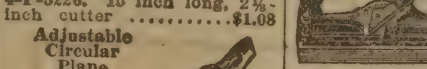
4-M-5239. Wood Fore Plane. 22 inches long, 2 1/2-inch cutter. Price **\$1.10**

4-M-5235. Wood Smooth Plane. 8 inches long, 2-inch cutter. Price **62c**

4-M-5237. Wood Jack Plane. 16 inches long, 2 1/2-inch cutter. Price **69c**

4-M-5241. Wood Jointer Plane. 26 inches long, 2 1/2-inch cutter. Price **\$1.19**

ADJUSTABLE WOOD BOTTOM BENCH PLANNER. Bottoms are made of thoroughly seasoned beechwood, finished smoothly. Castings are made of unusually tough gray iron. The cutters are made of high grade steel. Suitable for hard or soft wood. Has adjustable lever, the iron can be easily adjusted sideways, gives easy lateral adjustment.



Adjustable Wood Bottom Jack Plane. 15 inch long, 2-inch cutter. Price **97c**
4-P-5226. 15 inch long, 2 1/2-inch cutter. Price **\$1.08**



Adjustable Circular Plane. Price **\$1.94**

4-P-5255. Flexible Steel Face. Can be quickly changed to either convex or concave form. Can also be used as a straight bottom plane. Length of face, 10 inches. Width of cutter, 1 1/2 inch. Price **\$1.94**

4-P-5257. For 1/4 to 1 1/4-in. Boards. Price **\$1.75**
4-P-5259. For 3/4 to 1 1/2-inch Boards. Price **\$1.78**

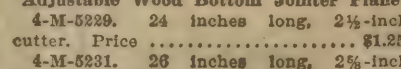


Adjustable iron fore plane, 18 inches long, 2 1/2-inch cutter.

4-M-5209. Smooth Bottom. Price **\$1.93**
4-M-5211. Corrugated Bottom. Price **1.94**



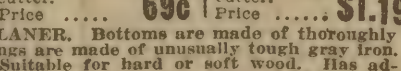
Adjustable Wood Bottom Jointer Plane. 4-M-5229. 24 inches long, 2 1/2-inch cutter. Price **\$1.25**
4-M-5231. 26 inches long, 2 1/2-inch cutter. Price **\$1.43**



4-M-5233. Adjustable Wood Bottom Handled Smooth Plane, 9 in. long, 2-inch cutter. Price **\$1.05**



Duplex Rabbit Plane and Fillster. Price **\$1.00**



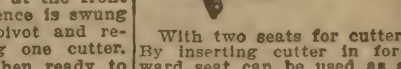
With two seats for cutter. By inserting cutter in forward seat can be used as a bullnose rabbit plane. The arm is reversible and can be used on right or left hand side of plane. With adjustable spur and depth gauge. Length, 8 1/2 inches, 1 1/2-inch cutter. Price **\$1.00**



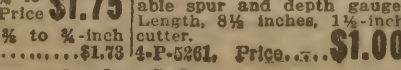
4-M-5261. Price **\$1.00**



1 1/2-inch **Each \$0.48**
1-inch **49**
3/4-inch **50**
1/2-inch **51**
1-inch **52**
1 1/4-inch **56**
1 1/2-inch **58**
1 3/4-inch **70**
2-inch **80**



4-M-5251. Price **\$1.53**
1 1/2-inch **1.55**
2-inch **1.55**



4-M-5251. Price **\$1.53**
1 1/2-inch **1.55**
2-inch **1.55**

IRON BLOCK PLANES



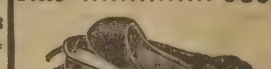
4-M-5273. Double End Block Plane. With two slots and two seats for cutter. By changing the cutter and lever from one end to the other, it can be used to plane in close corners. Can also be used as a block plane. Length 8 inches, 1 1/4-inch cutter. Price **45c**



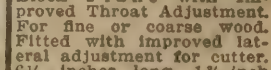
4-M-5271. Adjustable Block Plane. 7 inches long, 1 1/4-inch cutter. Price **43c**



4-M-5269. Adjustable Block Plane. 5 1/2 inches long, 1 1/4-inch cutter. Price **33c**

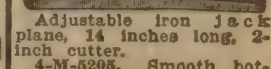


4-M-5275. Adjustable Block Plane with Improved Throat Adjustment. For fine or coarse wood. Fitted with improved lateral adjustment for cutter. 6 1/2 inches long, 1 1/4-inch cutter. Price **72c**



Adjustable iron jack plane, 14 inches long, 2-inch cutter. Price **\$1.64**

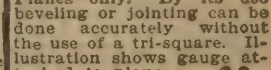
4-M-5205. Smooth bottom. Price **\$1.65**



4-M-5207. Corrugated bottom. Price **\$1.65**



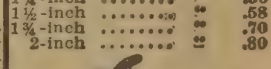
Adjustable Plane Gauge. 4-M-5253. For wood Planes only. By its use beveling or jointing can be done accurately without the use of a tri-square. Illustration shows gauge attached to plane. Price **60c**



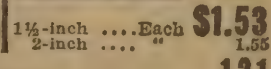
4-M-5247. Price **\$1.53**
1 1/2-inch **1.55**
2-inch **1.55**



4-M-5251. Price **\$1.53**
1 1/2-inch **1.55**
2-inch **1.55**



4-M-5251. Price **\$1.53**
1 1/2-inch **1.55**
2-inch **1.55**

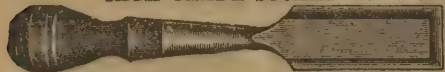


4-M-5251. Price **\$1.53**
1 1/2-inch **1.55**
2-inch **1.55**

Concrete Machinery at Money Saving Prices.

CHISELS, DRAW KNIVES, SCRAPERS, SPOKE SHAVES

HIGH GRADE SOCKET BUTT CHISELS



working in close places. Length of blade about 8 1/2 inches. High grade quality and finish; leather tip; solid Hickory handle.
 Length in inches 1 1 1/4 1 1/2 1 3/4 2
 4-P-5655. Price each...\$0.42 \$0.50 \$0.53 \$0.57 \$0.60
 4-P-5657. Set of 5, from inch to 2 inches, with nicely finished box. Price.....\$2.95

SOCKET CORNER CHISEL

4-M-5617. Properly tempered; selected Hickory handles, with iron ring on end to prevent splitting.
 Size inches..... 3/4 1
 Price each\$0.58 \$0.67

SOCKET FIRMER CHISEL HANDLES

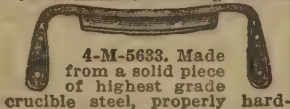
4-M-5643. Selected hickory, with iron rings on end to prevent splitting.
 Price each.3c Per doz..30c

Folding Handle Draw Knives



4-M-5653. Razor blade, made of the highest crucible steel, properly tempered, handles fold to protect cutting edge. Tangs extend thru handles, and will not pull out.
 Size, inches. 8 10 12
 Price each..\$0.85 \$0.93 \$1.03

Perfect Handle Drawing Knives



4-M-5633. Made from a solid piece of highest grade crucible steel, properly hardened and tempered; the blade can be ground and reground, and will always hold a fine cutting edge. Hardwood handles securely fastened.
 Length, inches. 8 10 12
 Price each....\$0.75 \$0.86 \$0.95



ADJUSTABLE CHISEL GRINDER

4-M-5623. For holding blades and chisels up to 2 1/2 inches, while grinding. By means of the Adjustable Screw the two can be brought to the proper level and sharpened on an ordinary grind stone or emery wheel.
 Price each59c

Beveled Edge, Leather Tip Socket Firmer Chisels



4-M-5637. Set of 12 of our high grade beveled edge leather tip socket firmer chisels, one of each size.
 Size in inches: 1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2, 1 3/4, 2.
 Put up in a neat hardwood box.
 Price each.....\$4.81



Set of 9 of our high grade beveled edge leather tip socket Firmer Chisels.
 4-M-5605. One of each of the following sizes: 1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 in. in a neat hardwood box. Price....\$3.73

Double Cutter Adjustable Spoke Shave

4-M-5645. Made of the best cast steel, 1 1/4 inch hollow, 1 1/2 inch straight.
 Price each.....16c



Adjustable Shave



4-M-5627. Adjustable Iron Spoke Shave has a 10 inch raised handle with 2 1/4 inch superior steel cutter.
 Price24c

Cabinet Scraper

4-M-5647. Tempered steel nicely finished, 3 by 5 inch. Price5c



4-M-5649. Special high grade cabinet scraper made with the best saw steel, nicely finished. Size 3x6.
 Price each.....17c

High Grade Beveled Edge Leather Tip Socket Firmer Chisel

4-N-5601. Made of the best steel that is possible to buy, carefully hardened and tempered. Each tool is carefully inspected during the process of manufacture, and after it is finished. Every tool is of uniform hardness and possesses a fineness of temper and a perfect cutting edge. They are hand honed, and finished in the best possible manner. Handles are of select White Hickory, leather tip. We guarantee these chisels to be satisfactory in every respect.

Size in inches.....1/4 1/2 3/4 1 1 1/4 1 1/2 1 3/4 2
 Price each.....28c 30c 32c 34c 36c 38c 40c 42c 44c 46c 48c 50c

WE GUARANTEE SATISFACTION

The chisels shown on this page are made of the best material, finely finished, perfectly tempered, proportioned and balanced.

BEVELED EDGE SOCKET FRAMING CHISEL

4-P-5609.

Blades made of Crucible Steel; hardened, tempered and finished in a high grade manner. Specially selected Hickory handle with iron rings on end.
 Inch 3/4 1 1 1/4 1 1/2 1 3/4 2
 Price each\$0.29 \$0.33 \$0.36 \$0.39 \$0.42 \$0.45 \$0.49 \$0.52



SOCKET CHISEL HANDLES



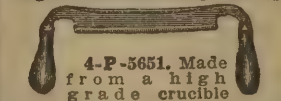
4-M-5625. Selected hickory, 3 layers, best oak tan leather.
 Price each.....4c
 Per doz.....36c

PLAIN EDGE CHISEL



4-P-5607. Made of special high grade steel, carefully hardened and tempered. Each Chisel is carefully sharpened; handles of selected White Hickory, leather tips.
 Size in.. 3/4 1 1 1/4 1 1/2 1 3/4 2
 Price ea..24 .26 .28 .30 .32 .34 .36 .39
 Size, inches... 1 1 1/4 1 1/2 2
 Price each.... \$0.40 \$0.42 \$0.45

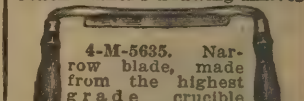
High Grade Drawing Knives



4-P-5651. Made from a high grade crucible steel; properly ground and tempered as a razor blade. Tangs extend through handles, and will not pull out.

Lgth, in. 7 8 10 12
 Price ea.\$0.36 \$0.42 \$0.45 \$0.48

Coach-maker's Drawing Knives



4-M-5635. Narrow blade, made from the highest grade crucible steel, properly tempered; tangs extend through handles and will not pull out. Guaranteed to give entire satisfaction.
 Size, inches. 8 10 12
 Price each..\$0.49 \$0.54 \$0.59

Cabinet Scraper



4-M-5631. Adjustable so that blade can be held at any angle; blade of the best tool steel, ground perfectly square. Price each.....74c

Cant Hooks and Handles



4-N-5137. Strongest and best Cant Hook on the market. Hook of cast steel, strong heavy tool ring handle, made of first quality hard Maple.
 Price each.....97c
 4-N-5139. First quality grained Hard Maple handle.
 Price each.....27c

Plain Edge Socket Firmer Chisel Sets



The sets are made up of our high grade plain edge socket firmer chisel.
 4-M-5611. Set of 6 plain edge socket Firmer Chisels.
 Size, 1/4, 1/2, 3/4, 1, 1 1/4, 2 inches, in a hardwood box. Price.\$1.87
 4-M-5613. Set of 9 Chisels, one of each size: 1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2, 1 3/4, 2 inches. In a hardwood box. Price each.\$2.69



These Chisels are the high-grade beveled edge, leather tipped, socket Firmer Chisels.
 4-C-5803. Set of six, one of each size: 1/4, 1/2, 1, 1 1/4 and 2 inches. Put up in a neat, nicely finished hardwood box.
 Price\$2.63

Goodells Spoke Shave



4-M-5621. Circular in shape, actually works in smaller circles than other shaves. These are held at an angle so that it cuts instead of scraping the grain. Their handle can be removed to work in close places. Price.....63c

Spoke Shave



4-M-5619. Length of blades 10 inch, 2 inch steel cutter properly ground and tempered. Price each.....14c



Raised Handle Cabinet Scraper

4-M-5629. Tempered steel blade, length 11 inches, width 2 1/4 inches. Price each...60c
HARRIS BROTHERS CO.
 35th & Iron Streets, Chicago.

Standard Cast Steel Auger Bits

Made of refined steel carefully tempered and polished and are excellently only by our premier superior quality Auger bits. For general purposes our standard Auger bits will give nearly as good satisfaction as any auger bits made, as special care is taken in the manufacture of these bits and they will give good service. For mechanics' use where bits are constantly used in boring in all kinds of woods we recommend our Premier superior quality bits described on this page.

Common Pattern Auger Bits



4-P-5401. Common Pattern Double Spur Standard Auger Bits.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	10c	11c	11c	12c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	12c	13c	14c	15c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	17c	19c	20c	21c

COMMON PATTERN AUGER BITS IN SETS

4-P-5403. Set of Six Common Pattern Auger Bits. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set..... **80c**

4-P-5405. Set of Eight Common Pattern Auger Bits. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set..... **\$1.05**

4-P-5407. Set of Thirteen Common Pattern Auger Bits. One each $\frac{1}{2}$ to 1 inch.

Price per set..... **\$1.75**



JENNINGS' PATTERN EXTENSION LIP STANDARD AUGER BITS

4-P-5409. Jennings' Pattern Extension Lip Standard Auger Bits.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	12c	13c	13c	15c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	16c	16c	20c	22c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	24c	28c	28c	30c

JENNINGS' PATTERN AUGER BITS IN SETS

4-P-5411. Set of Six Jennings' Pattern Auger Bits. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set..... **\$1.10**

4-P-5413. Set of Eight Jennings' Pattern Auger Bits. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set..... **\$1.40**

4-P-5415. Set of Thirteen Jennings' Pattern Auger Bits. One each $\frac{1}{2}$ to 1 inch.

Price per set..... **\$2.39**

SOLID CENTER STANDARD AUGER BITS



4-P-5417. Solid Center Standard Auger Bits.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	15c	17c	19c	21c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	24c	27c	30c	33c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	38c	39c	42c	45c

SOLID CENTER AUGER BITS IN SETS

4-P-5419. Set of Six Solid Center Auger Bits. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set..... **\$1.65**

4-P-5421. Set of Eight Solid Center Auger Bits. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set..... **\$2.20**

4-P-5423. Set of Thirteen Solid Center Auger Bits. One each $\frac{1}{2}$ to 1 inch.

Price per set..... **\$3.70**

HARRIS BROTHERS CO.
35th & Iron Streets, Chicago.

Premier Superior Quality Auger Bits

Made to meet the requirements of the skilled mechanic, and are the best for shop, factory or home use. Forged from the highest quality crucible steel, properly tempered full length of twist. Each bit is carefully headed by improved methods absolutely straight and true to size. Screws are made by special automatic machinery, thus insuring perfect and uniform threads. Lips are carefully forged and properly shaped and are the most durable, fast cutting bits possible to produce. Heads and cutters are sharpened and finished by hand filing. Every bit is carefully tested before leaving the factory. Finely polished, finished and guaranteed to give entire satisfaction.

Premier Jennings' Pattern Extension Lip Auger Bits



The Best Jennings' Pattern Extension Lip Auger Bit Manufactured. Can be used for boring hard or soft wood and will bore through without splitting the wood. We recommend these bits for mechanics' use. Properly tempered, full length of twist. Lips are carefully forged and sharpened and will cut faster and outwear any other JENNINGS' PATTERN bit manufactured. Bit is perfectly straight and true to size. Full polished finish.

4-P-5425. Premier Jennings' Pattern Extension Lip Auger Bits.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Price each.....	17c	20c	22c	24c	27c	30c	33c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Price each.....	39c	42c	45c	48c	52c	56c	60c

Premier Jennings' Pattern Extension Lip Auger Bits in Sets

Put up in hardwood boxes nicely finished with brass hinges and catches.

4-P-5427. Set of Six. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set in box..... **\$1.85**

4-P-5429. Set of Eight. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set in box..... **\$2.50**

4-P-5431. Set of Thirteen. One each $\frac{1}{2}$ to 1 inch.

Price per set in box..... **\$4.20**

Premier Solid Center Extension Lip Auger Bits



Solid Center Auger Bits. Extreme care is taken in the manufacture of these bits. Each bit is carefully tempered and absolutely straight and true to size. Each bit is hand forged from double refined crucible steel, properly tempered, full length of twist. Highly finished and fully guaranteed.

4-P-5433. Premier Solid Center Extension Lip Auger Bits.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Price each.....	18c	22c	24c	28c	30c	36c	36c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Price each.....	38c	43c	47c	50c	55c	60c	65c

Premier Solid Center Extension Lip Auger Bits in Sets

Put up in hardwood boxes nicely finished with brass hinges and catches.

4-P-5435. Set of Six. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set in box..... **\$2.15**

4-P-5437. Set of Eight. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set in box..... **\$2.89**

4-P-5439. Set of Thirteen. One each $\frac{1}{2}$ to 1 inch.

Price per set in box..... **\$4.75**

Premier Single Twist Extension Lip Auger Bits



For rapid and easy boring in any kind of wood. Specially designed for work in the toughest hardwoods, knotty timber and end boring. Will bore more rapidly and with greater ease than other style of auger bit made. The open twist affords ample clearance for the chips and cannot choke up. Made by highly skilled workmen. Tempered and finished in the finest manner and each bit is carefully tested and fully guaranteed.

4-P-5441. Premier Single Twist Extension Lip Auger Bits.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Price each.....	20c	22c	24c	29c	33c	36c	36c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Price each.....	40c	44c	50c	54c	58c	64c	89c

Premier Single Twist Extension Lip Auger Bits in Sets

Put up in hardwood boxes nicely finished with brass hinges and catches.

4-P-5443. Set of Six. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set in box..... **\$2.27**

4-P-5445. Set of Eight. One each $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch.

Price per set in box..... **\$3.15**

4-P-5447. Set of Thirteen. One each $\frac{1}{2}$ to 1 inch.

Price per set in box..... **\$5.25**

Harris Bros. Co., Our New Title.

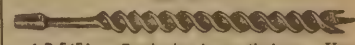
SHIP AUGER BITS



4-P-5449. Desirable for boring the toughest hardwoods, knotty timber and end boring. Made of double refined steel, finely finished. Fully guaranteed. Have 4 to 6 inch twists.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	27c	29c	31c	33c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	35c	38c	42c	46c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	50c	54c	58c	62c

CAR BITS



4-P-5451. For boring heavy timbers. Used by bridge builders and millwrights. Length of twist 12 inches.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	31c	33c	35c	38c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	42c	46c	51c	55c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	61c	67c	75c	81c

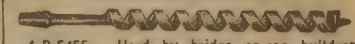
NUT AUGERS



4-P-5453. You cannot secure a smoother and easier cutting bit at any price. High grade cast steel, polished finish.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	23c	28c	29c	40c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	13c	2	2 1/2	2 1/2
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	58c	73c	89c	1.12

SHIP AUGER CAR BITS



4-P-5455. Used by bridge or car builders, millwrights, etc., for boring in heavy timbers either soft or hard wood. Length of twist 12 inches. Guaranteed to give entire satisfaction.

Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	41c	45c	47c	50c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	53c	57c	60c	66c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	73c	73c	77c	80c
Size, inches...	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price each.....	85c	89c	92c	95c

PERFECTION HAND DRILLS



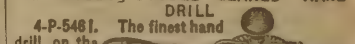
4-P-5457. Strong Mal-leable Frame. Set of 1 spindle, cut gears and hollow cut coco-bola handle containing 8 drill points $\frac{1}{2}$ to $\frac{1}{4}$ inch. A strong, durable tool, nicely finished. Length 10 1/2 inches. Price including 8 drill bits..... **\$1.15**

STEEL FRAME HAND DRILL



4-P-5459. All Steel Nickel Plated Frame. Cut gear, improved three-jaw riveted chuck. Takes twist drill to $\frac{1}{2}$ inch. Hollow polished cocobola handle, which contains 8 drill points. Length 10 inches. Price including drill points..... **\$1.44**

GOODSELL'S DOUBLE GEARED HAND DRILL



4-P-5461. The finest hand drill on the market. Has double gears, cut teeth, two speeds, fitted with an improved chuck. Takes twist drills up to $\frac{1}{2}$ inch. Strong, iron frame, jappanned. Hollow cocobola handle to hold drill points. Speed changed by simply turning nut on the frame. Spindle runs in highly hardened steel ball bearing. Length 14 1/2 inches. Price does not include drill points..... **\$2.23**

4-P-5463. Set of drill points, 8 sizes. From $\frac{1}{8}$ to $\frac{1}{2}$ inch. Price per set..... **34c**

IVES "MEPHISTO" EXPANSIVE BIT.



Has all the desirable features of the Clark's and other expansive bits. So constructed that the cutter will stand a severe strain without creeping, springing or loosening while boring, which is

a common fault with other makes of expansive bits. The binding screw holds the cutter firmly in place and the small set screw prevents it from being forced in either direction, forming a double locking device, so that the cutter cannot move in the slightest degree until screws are released. Especially adapted to bore in hard wood. Made to bore any size holes up to 3 inches, and can be readily adjusted to a 32d of an inch. Stem a single piece drop forged tool steel. Cutters made of the highest grade of tool steel properly tempered and will hold a good cutting edge.

4-C-5501. A small size "Mephisto" Expansive Bit. With two cutters, one cutting $\frac{1}{2}$ to $\frac{3}{4}$ inch; the other $\frac{1}{2}$ to $1\frac{1}{2}$ inches. Price..... **86c**

4-C-5505. Extra cutters for small size Ives "Mephisto" Expansive Bit.
Size No. 1. Cuts from $\frac{1}{2}$ to $\frac{3}{4}$ inch. Price..... **11c**
Size No. 2. Cuts from $\frac{1}{2}$ to $1\frac{1}{2}$ inches. Price..... **15c**

CLARK'S PATTERN EXPANSIVE BIT.



Superior to Expansive Bits of this kind offered by others.

Cutters are made of high grade tool steel properly tempered. Great care is taken in the fitting of this tool and it is guaranteed to give satisfactory service.

4-P-5503. Small Size Clark's Pattern Expansive Bit. With two cutters, one boring from $\frac{1}{2}$ to $\frac{3}{4}$ inch; the other from $\frac{1}{2}$ to $1\frac{1}{2}$ inches. Price..... **60c**

4-P-5511. Large Size Clark's Pattern Expansive Bit. With two cutters, one boring from $\frac{1}{2}$ to $1\frac{1}{2}$ inches; the other from $1\frac{1}{2}$ to 3 inches. Price..... **80c**

4-C-5513. Extra Cutters for Small Size Clark's Pattern Expansive Bit.

Size No. 1. Cuts from $\frac{1}{2}$ to $\frac{3}{4}$ inch. Price..... **10c**
Size No. 2. Cuts from $\frac{1}{2}$ to $1\frac{1}{2}$ inches. Price..... **15c**

4-C-5515. Extra Cutters for Large Size Clark's Pattern Expansive Bit.

Size No. 3. Cuts from $\frac{1}{2}$ to $1\frac{1}{2}$ inches. Price..... **17c**
Size No. 4. Cuts from $1\frac{1}{2}$ to 3 inches. Price..... **19c**

AUGER BIT GAUGE



4-P-5517. Will fit any Bit. Gauges exact depth of hole. Price, without Bit..... **29c**

ADJUSTABLE AUGER HANDLES



4-C-5519. Fits all sizes Nut Augers. Can be quickly removed. Price..... **18c**

ROSE HEAD COUNTERSINK BITS



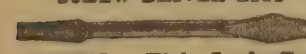
4-C-5521. Forged from High Grade Tool Steel properly tempered. For use in metal. Size, $\frac{1}{2}$ inch. Price..... **17c**
Size, $\frac{1}{2}$ inch. Price..... **18c**

REVERSIBLE COUNTERSINK AND DOWEL POINTER



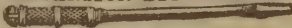
4-C-5523. Reversible Head. Can be used for sharpening pins or dowels. Cutter made of high grade tool steel. Price, each, **15c**

SCREW DRIVER BITS



4-C-5525. High Grade Tempered Crucible Steel. Small Medium Large Extra Price..... **16c 18c 20c 23c**

EXTENSION BIT HOLDERS



4-P-5527. For Boring Through Floors, Partitions and other places that cannot be reached with an ordinary Bit. Will follow $\frac{1}{2}$ inch or larger bits. Length, inches. 12 18 24 Price..... **\$0.89 \$1.05 \$1.33**

COMMON AUGER HANDLES



4-C-5529. Selected hardwood. Price for three, 10c Each..... **4c**

SNAIL HEAD COUNTERSINK BITS



4-C-5531. For Wood. High grade tool steel, properly tempered. Size, $\frac{1}{2}$ inch..... **16c** Size, $\frac{1}{2}$ inch..... **15c**

COUNTERSINK BIT WITH GAUGE



4-C-5533. To Regulate Depth of Cut. For wood only. High grade tool steel. Fully warranted. Price..... **21c**

SQUARE REAMER BITS



4-C-5535. High Grade Tool Steel, Properly Tempered. Concave ground. Price..... **19c**

4-N-5537. Cast Steel, Properly Tempered and Ground. Price..... **12c**

KNURLED CENTER PUNCH



4-H-5539. High Grade Cast Steel, Tempered at Both Ends. Diameter $\frac{1}{2}$ inch. Price..... **10c**

"PERFECT" HANDLE SCREW DRIVER



4-C-5541. Will Stand More Abuse Than Any Other Screwdriver Made. The Only Screwdriver that can be used as a Hammer, to force point of screw into the wood. The blade, bolster handle, flattened hammer head are drop forged from one piece of the toughest steel that can be made, the handles being pocketed on each side of the drop forging in such a manner and so securely that they cannot be split or broken off. Is properly balanced and perfectly tempered. Fully warranted. There is absolutely nothing better made.

Length of blade, inches
Price each..... **20c 29c 40c 10 49c**

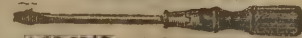
INDESTRUCTIBLE SQUARE SHANK SCREWDRIVER

4-C-5543. For Mechanics'

use. Square shank for use with wrench for tightening or loosening screws or other heavy work. Blade, shank and head are forged from a solid piece of high grade tool steel. Shank extending through handle is flattened, forming a cap, making it impossible to turn, or the handle to come off. The steel ferrules are put on under heavy pressure and are guaranteed to remain in place. Handles are selected hardwood, ebonized finish. Each tool warranted to give entire satisfaction or money refunded.

Length of blade, inch 2 4 6 8 10
Size sq. shank, inch 7-32 1 1 5-16 11-32 1 1
Price each..... **14c 18c 26c 34c 42c**

GENUINE CHAMPION SCREWDRIVER



4-M-5545. A favorite of many years standing. Blades are forged from the highest grade steel, properly tempered and is fastened securely in handle and cannot pull out. Selected hardwood handle, cherry finish.

Length blade: 3 4 5 6 8 10
Inches 12c 17c 20c 25c 30c 35c
Price each..... **12c 17c 20c 25c 30c 35c**

GOODELL'S AUTOMATIC INTERCHANGEABLE SCREWDRIVER



4-K-5549. Can be used as a spiral ratchet or plain screwdriver. Practical, strong, durable tool. Will not get out of order. Furnished with three forged steel bits. Selected finished hardwood handle. Length extended, 14 inches. Length closed, 7 1/2 inches. Price..... **65c**

DRILL ATTACHMENT FOR GOODELL'S INTERCHANGEABLE SCREWDRIVERS

Can be readily applied to Goodell's Interchangeable Screwdrivers, converting the driver into an automatic drill thus combining two tools in one.

4-N-5553. Fitting Automatic Screwdriver, No. 4-K-5549. Price for chuck and eight drill points..... **46c**

4-N-5555. Fitting Reversible Screwdriver, No. 4-H-5551. Price for chuck and eight drill points..... **46c**

GOODELL'S RATCHET SCREWDRIVERS



4-K-5557. The strongest, most durable ratchet screwdriver on the market. Blades, dogs and spring, which make up the ratchet mechanism, made of a high grade tool steel. The ratchet teeth are deeply cut directly into the stem. Changes from right to left are made by simply turning the knurled ferrule. Each tool fully warranted.

Length of blade, 4 5 6 8 10
Inches 33c 38c 42c 47c 52c
Price each..... **33c 38c 42c 47c 52c**

KNURLED NAIL SETS



4-C-5567. Superior Cast Steel. Tempered at Both Ends. With hollow or cup points. Size, points 1 1/2 1 3/4 2 2 1/2 3 3 1/2 4 4 1/2 5 5 1/2 6 6 1/2 7 7 1/2 8 8 1/2 9 9 1/2 10 10 1/2 11 11 1/2 12 12 1/2 13 13 1/2 14 14 1/2 15 15 1/2 16 16 1/2 17 17 1/2 18 18 1/2 19 19 1/2 20 20 1/2 21 21 1/2 22 22 1/2 23 23 1/2 24 24 1/2 25 25 1/2 26 26 1/2 27 27 1/2 28 28 1/2 29 29 1/2 30 30 1/2 31 31 1/2 32 32 1/2 33 33 1/2 34 34 1/2 35 35 1/2 36 36 1/2 37 37 1/2 38 38 1/2 39 39 1/2 40 40 1/2 41 41 1/2 42 42 1/2 43 43 1/2 44 44 1/2 45 45 1/2 46 46 1/2 47 47 1/2 48 48 1/2 49 49 1/2 50 50 1/2 51 51 1/2 52 52 1/2 53 53 1/2 54 54 1/2 55 55 1/2 56 56 1/2 57 57 1/2 58 58 1/2 59 59 1/2 60 60 1/2 61 61 1/2 62 62 1/2 63 63 1/2 64 64 1/2 65 65 1/2 66 66 1/2 67 67 1/2 68 68 1/2 69 69 1/2 70 70 1/2 71 71 1/2 72 72 1/2 73 73 1/2 74 74 1/2 75 75 1/2 76 76 1/2 77 77 1/2 78 78 1/2 79 79 1/2 80 80 1/2 81 81 1/2 82 82 1/2 83 83 1/2 84 84 1/2 85 85 1/2 86 86 1/2 87 87 1/2 88 88 1/2 89 89 1/2 90 90 1/2 91 91 1/2 92 92 1/2 93 93 1/2 94 94 1/2 95 95 1/2 96 96 1/2 97 97 1/2 98 98 1/2 99 99 1/2 100 100 1/2 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\$2.95 Buys "OUR GEM" TOOL SET

Specially Selected for Household or Farm Use. Consists of 19 first-class tools for which you have daily requirement. Each tool is fully warranted, thoroughly practical, and will do the work for which it is designed.

This Set is a Real \$3.50 Value



24-Inch Crucible Steel Hand Saw.
Steel Nail Hammer.
Bit Brace, 8-inch sweep.
3 Auger Bits, cast steel, double spur, one each size, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$ inch.
Gimlet Bits, double cut, assorted sizes.
X-Inch Leather-tipped Socket Firmer Chisel.

14-Inch Screw Driver, Champion pattern.
17-Inch Iron Block Plane.
12-foot 4-fold Boxwood Rule.
1 Shingling Hatchet.
1 Combination Anvil and Vise, 1 $\frac{1}{2}$ -inch jaws.
18-Inch Monkey Wrench.
16-Inch Steel Tri-Square.
14-Inch Taper File with Handle.

P-4601 "Our Gem" Tool Set. Complete. You would pay \$3.50 at retail or tools of such high-grade quality as we offer above. **\$2.95**

A Better and More Complete Selection of Good Tools than Ever Before Offered at Anything Like our Price. This set is especially desirable for those who have use for tools in and around the home and is an unusually good assortment for the beginner. You will find by carefully reading our description of this set that it contains just the tools you will require for any ordinary work. Each tool is strictly first class and can be depended upon to do the work for which they are intended.

The Tool Chest which we furnish is made of Hardwood, nicely finished, and is furnished with tray and a secure lock, and is sufficiently large to hold other tools that you may buy from time to time.

Our Rough and Ready Tool Set Consists of the Following Tools:

1 "Chicago Special" Hand Saw, 22 inches long.
1 Adjustable Wood Bottom Smooth Plane, length, 8 inches.
1 Bit Brace, nickel-plated, 10-inch sweep.
5 Double Spur Auger Bits, one each size, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 inch.
1 Guaranteed Steel Nail Hammer.
1 Compass Saw, spring steel.
1 Pair of Carpenters' Pincers, length, 6 inches, claw on one handle, screw driver on other.
1 Drawing Knife, length, 8 inches.
1 High Grade Shingling Hatchet.

1 Carpenters' Pencil.
1 Champion Pattern Screw Driver, 5-inch steel blade.
1 2-foot Four-fold Boxwood Rule.
1 Pair Button Pliers, length 6 inches.
1 Tri Square, 6-inch.
1 Combination Anvil and Vise, 1 $\frac{1}{2}$ inch jaws.
1 Mill File, with handle, 6 inches.
2 Socket Firmer Chisels, leather-tipped handles, one each size, $\frac{1}{2}$ and 1 inch.
1 Oil Stone, 6-inch, mounted in hardwood case.
1 Monkey Wrench, length 6 inch.

P-4605 "Our Rough and Ready" Tool Set. Complete with chest. **\$7.50**

OUR "TRIUMPH" TOOL SET \$15.95

The Best Value Ever Offered in a High Grade Tool Set

Each item represents the very best of their respective kinds. Every tool is selected from our regular stock and is fully guaranteed and adapted to the use of the skilled mechanic. Our price on this set is very much lower than if you bought these tools one at a time and the assortment is perfect. The Tool Chest is of Hardwood and is strongly made and nicely finished, fitted with sliding tray, handles and a secure lock.

Our Triumph Tool Set consists of the following tools:

Premier Extra High Grade Hand Saw, length, 26 inches.
Favorite Rip Saw, length, 26 inches.
Compass Saw, 12-inch, spring steel blade.
Iron Block Plane, length, 6 $\frac{1}{2}$ inches.
Adjustable Iron Jack Plane, length, 15 inches.
Morrell Pattern Saw Set.
Japanned Iron Saw Vise, length of jaws, 9 $\frac{1}{2}$ inches.
Slim Taper File, length, 5 inches.
Flat Mill File, length, 8 inches.
Malleable Iron File and Tool Holder.
Carpenters' Steel Square, No. 7, with Essex board measure. Length of body, 24 inches; 16-inch tongue. Both sides marked in 8ths, 4th and 1 inch.
Oil Stone, length 8 inches, mounted in hardwood case.
Pair Carpenters' Pincers, length, 8 inches. Claw on one handle, screwdriver on other.
Knurled Nail Set, tempered at both ends.
Spring Tube Punch for punching holes in leather.
Marking Gauge.
Wing Divider, polished steel, length, 8 inches.
Tri-Square.
Adjustable Plumb and Level. Polished cherry finish, arched top plates, two brass-tipped side views, length 28 inches.
24" Zag Folding Rule, length, 5 feet.
Carpenters' Pencil.
Sliding T Bevel, rosewood handle, brass tipped, 8-inch blade.
Premier Socket Firmer Chisels. Leather tipped handles, one each size, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1 and 1 $\frac{1}{2}$ inches.
Ratchet Brace, nickel plated, polished hardwood head and handle, 10-inch sweep.
Hollow Handle Tool Set, polished cocobola handle, with 10 hand forged finely tempered tools.
Premier Drawing Knife, length of cut 10 inches.
Monkey Wrench, length 8 inches.
Cold Chisel, perfectly tempered, $\frac{1}{2}$ -inch cut.
Jennings' Pattern Auger Bits, high grade. One each size, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 inch.

Combination Side Cutting Plier, length 6 inches.
End of one handle can be used as screwdriver; the other is pointed and can be used as a reamer.
German Pattern Gimlet Bits, extra quality. One each size, 1-16, $\frac{1}{8}$, 5-32, and 3-16.
Combination Anvil and Vise, 1 $\frac{1}{2}$ -inch jaws.

1 Premier Shingling Hatchet, 3- $\frac{1}{2}$ -inch cut.
1 Forged Steel Nail Hammer, size No. 1 $\frac{1}{2}$.
1 Chalk Line Reel and Awl.
1 Plumb Bob, nickel plated.
3 Hanks Braided Chalk Line.
6 Cakes Carpenters' Chalk.

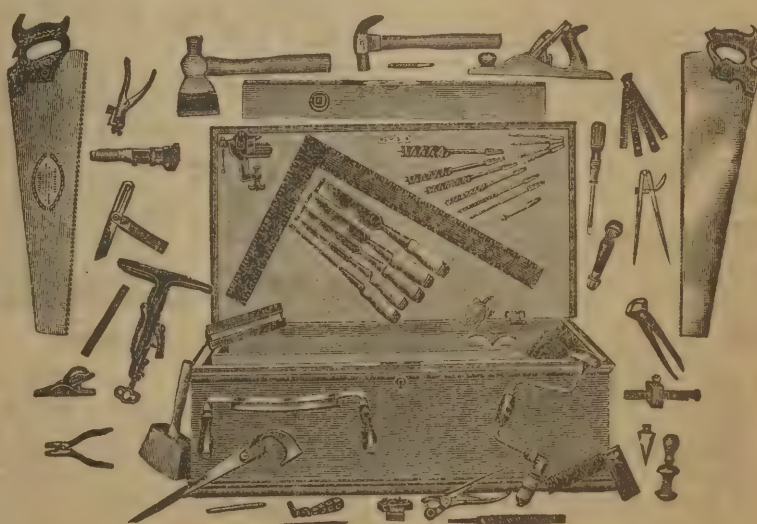
1 Snail Head Counter Sink, for wood.
1 Mallet, hickory head, size, 6 $\frac{1}{2}$ x 2 $\frac{1}{4}$ x 3 $\frac{1}{4}$ inches, with handle.
100 Assorted Tubular Rivets.
12 Sheets Sandpaper, assorted.

P-4603 Triumph Tool Set. Complete with chest.

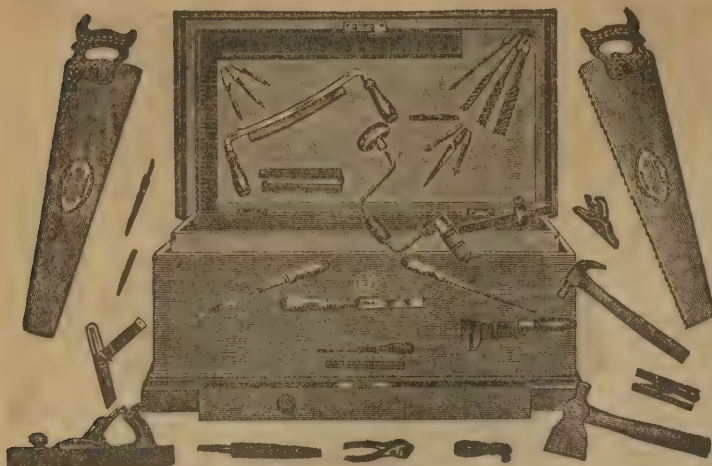
HARRIS BROTHERS CO.
11th & Iron Streets, Chicago.

If you want a force Pump don't overlook our bargain prices.

\$15.95
125



\$11⁹⁵ OUR "EXCELSIOR" TOOL SET



We offer this Set of Carefully Selected High-Grade Tools to meet the requirements of those who have any kind of general or repair work. This tool set will prove invaluable for house or farm work. If your boy has any mechanical instinct, encourage him by buying this set of tools. Every tool contained in this set is first-class and Fully Warranted.

The Tool Chest is Made of Hard Wood and is Very Substantial. It is fitted with a sliding tray and a secure lock, and is sufficiently large to hold other tools that you may wish to add from time to time.

Our Excelsior Tool Set Consists of the Following Tools:

- 1 Chicago Special Hand Saw, 24 inches long.
- 1 Chicago Special Rip Saw, 26 inches long.
- 1 Iron Block Plane, length, 5 1/2 in.
- 1 Adjustable Wood Bottom Jack Plane, length, 15 inches.
- 1 Ratchet Brace, 10-inch sweep, Nickel-Plated.
- 1 2-foot Four-fold Rule.
- 1 Sliding T Bevel, rosewood handle, brass-tipped, 8 inch blade.
- 3 German Pattern Gimlet Bits, one each size, 1-16, 1/8 and 3-16-inch.
- 1 Oil Stone, length, 6 inches, mounted in hardwood case.
- 4 Extension Lip Auger Bits, one each size, 1/4, 3/8 and 1 inch.
- 1 High-Grade Shingling Hatchet, width of bit, 3 1/4 inches.
- 1 Premier Drawing Knife, length of cut 10 inches.
- 1 Screw Driver Bit.
- 1 Carpenters' Steel Square, No. 7, with Essex board measure; 24-inch body, 16-inch tongue. Marked on both sides.
- 1 Pair Combination Filers, nickel-plated, length 5 inches.
- 1 Monkey Wrench, length, 10 inches.
- 1 Slim Taper File, length, 5 inches.
- 1 Mill File, length, 8 inches.
- 1 Iron File and Tool Holder.
- 1 Wrought Steel Nail Hammer.
- 1 Oval Head Marking Gauge.
- 3 Socket Firmer Chisels, leather-tipped handles, one each size, 1/4, 3/8 and 1 inch.
- 1 Knurled Nail Set.
- 1 Champion Pattern Screw Driver, 4-inch steel blade.
- 1 Plumb and Level, polished cherry, length, 28 inches.
- 1 Carpenters' Pencil.
- 1 Rose Head Countersink Bit.
- 1 Small Head Countersink Bit.
- 1 Square Reamer Bit.

4-P-4701 Excelsior Tool Set. Complete with Chest. Retail at \$15 to \$20. Our Price \$11.95

\$29⁹⁵ OUR "NEW EXPERT" TOOL SET

The Most Excellent and Complete Assortment of Strictly High-Grade Tools Heretofore Offered.

Every tool in this set is the best, and guaranteed to give entire satisfaction. Never before has the tool-buying public had an opportunity to purchase as fine an assortment of high-grade tools which represent a complete outfit suitable for the use of any mechanic or others who require and appreciate the value of first-class tools.

Our Fair Offer: Seeing is Believing. We appreciate the fact that notwithstanding our description it is almost impossible to fairly judge the unusual big value we are offering in this set without having an opportunity of seeing the tools and judging for yourself. Therefore we ask you to send us your order and if you are not entirely satisfied or do not consider this set to be the best value that you have ever seen, you may return it to us and we will immediately return your money.

The Tool Chest is Made of Selected Hardwood, nicely finished, has sliding tray and handles, and is fitted with a secure lock.

Our New Expert Tool Set Consists of the Following High-Grade Tools:

- 1 Premier Extra High-Grade Hand Saw, length, 26 inches.
- 1 Premier Extra High-Grade Rip Saw, length, 28 inches.
- 1 Premier Extra High-Grade Panel Saw, length, 18 inches.
- 1 Nest of Saws, consisting of 1 handle, 3 high-grade saws, 1 each of keyhole blade, compass blade and pruning blade. All interchangeable.
- 1 Back Saw, strong iron frame, complete with 8-inch blade.
- 1 Saw Vise, adjustable 9 1/2-inch jaws.
- 1 Morrill Pattern Saw Set, for setting hand, rip, panel, buck and band saws.
- 4 Planes, 1 adjustable iron smooth plane, length, 9 inches; 1 adjustable iron jack plane, length, 14 inches; 1 adjustable iron fore plane, length, 18 inches; 1 double end iron block plane, length, 8 inches.
- 1 Ratchet Bit Brace, 10-inch sweep, nickel plated; polished cocobola head and handle.
- 26 Bits, for use in brace. 13 Irwin Pattern Auger Bits, carefully headed and hand filed, full polished. One each size, 1/4, 5-16, 3/8, 7-16, 1/2, 9-16, 5/8, 11-16, 3/4, 13-16, 7/8, 15-16 and 1 inch; 6 German Pattern Gimlet Bits, one each size, 1-16, 3-32, 1/8, 5-32, 3-16 and 7-32-inch; 3 Straight Shank Twist Drills, one each size, 3/8, 3-16, 1/2-inch; 2 Countersink Bits, 1 rose head for metal, 1 small head for wood; 1 Square Reamer Bit; 1 Screwdriver Bit, length, 4 1/2 inches.
- 4 Steel Square No. 3, Polished. Size of body, 24 x 2 inches, size of tongue, 16 x 1 1/4 inches, marked in 16ths, 12ths and 8ths. Also has Essex board and brace measure.
- 1 Combined Try and Mitre Square, rosewood stock, brass lined, 7 1/2 inches, steel blade, graduated by 8ths.

- 1 Wing Divider, polished steel, length 8 inches.
- 1 Sliding T Bevel, rosewood stock, brass tipped, 10-inch steel blade.
- 6 Premier Bevel Socket Firmer Chisels, leather tipped handles; one each size, 1/4, 3/8, 1/2, 5/8, 3/4 and 1 inch.
- 1 Hammer, Premier, Size No. 1 1/4. Finest hammer made. Octagon neck and poll, full nickel plated, ebonzined finished handle.
- 1 Drawing Knife, Premier quality, 10-inch cut.
- 1 Shingling Hatchet, Premier high-grade, 3 1/2-inch cut.
- 1 Monkey Wrench, length, 8 inches.
- 1 Oil Stone, size, 6 x 2 inches, mounted in nicely finished hardwood case.
- 1 Slim Taper File, length, 6 inches.
- 1 Flat Mill File, length, 10 inches.

- 1 File and Tool Holder, malleable iron.
- 1 Bench Screw, wrought iron, 1 1/4 inches in diameter, with patent collar and wood handle.
- 1 Pair Button Filers, high-grade, length, 8 inches.
- 1 Pair Carpenters' Pinchers, length, 9 inches; claw on one handle, screw-driver on other.
- 4 Nail Sets, knurled handles, tempered ends, cup points, assorted sizes.
- 1 Mallet, hickory head, size, 6 1/4 x 2 1/4 x 3 1/4 inches, with mortised handle.
- 1 Screw Driver, Champion pattern, 6-inch steel blade, imitation rosewood handle.
- 1 Plumb and Level, adjustable, polished cherry finish, brass-arched top plates, two brass-tipped side views, proved glasses, length, 28 inches.

- 1 Marking Gauge, beechwood, steel points, accurately graduated.
- 1 Bench Stop, screw adjustment, reversible.
- 1 Scratch Awl.
- 1 Pair Malleable Clamps, with steel screw swivel heads, open 5 inches.
- 1 Tape Line, length, 50 feet, leather case.
- 1 Cold Chisel, octagon steel, 1/2-inch cut.
- 1 Spoke Shave, iron handle, 2-inch adjustable steel cutter.
- 1 Zig Zag Folding Rule, length, 4 feet.
- 1 Revolving Spring Pencil, 4 tubes, each of a different size.
- 100 Assorted Tubular Rivets.
- 1 Plumb Bob, full nickel-plated.
- 12 Cakes Carpenters' Chalk.
- 6 Flakes Braided Chalk Line.
- 1 Chalk Line Reel and Awl.

4-P-4703 Our New Expert Tool Set. Complete with Chest, at retail this set would cost you \$35 to \$40. Our Price \$29.95

126 Ornamental Wire Fence and Gates at Wrecking Prices.



HARRIS BROTHERS CO.
35th & Iron Streets, Chicago.

CARPENTERS' STEEL SQUARES

Our line of squares are the most accurate, strongest and best finished squares possible to produce. Both body and tongue are tapering, the ends being thinner, giving the squares the proper hang. The graduations are clearly marked and are most accurate. Each square is guaranteed to give entire satisfaction.

MECHANICS' OXIDIZED COPPER FINISHED SQUARE.

4-D-5701. No. 100 R. O. C. Oxidized copper finished square. Will please any mechanic who appreciates first-class work. Oxidized copper, giving it the appearance of a gun metal finish and is the best rust resisting finish known. The graduations and figures are white enamel, clear and distinct. Has hardened corners, which will not wear round when used for marking spaces. Body 24x2 in. size of tongue 16x1 1/2 in., marked on face, 1/4, 1/2 and 1 in. spaces; on back, 1/8, 1/4 and 1/2 in. spaces. Has brace measure, eight square, 1/8 scale and after table for buildings of any width or pitch and as shown in illustration; furnished complete with directions. Price, \$1.44



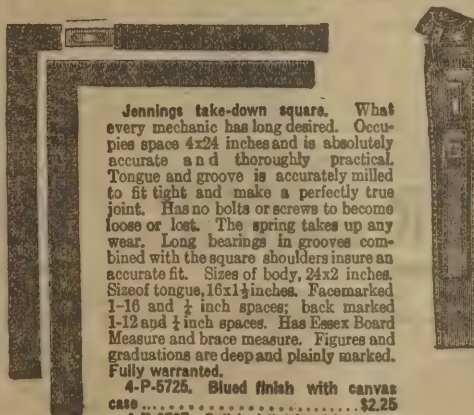
SMALL STEEL SQUARES

4-P-5719. Gun metal finish; size of body 18x1 1/2 in., size of tongue 12x1 in.; a very popular size for mechanic's tool boxes. Made with tapering ends and hardened corners; face marked 1/4, 1/2 and 1 in. spaces. Back marked 1/8 in. and 1/4 in. spaces. Price.....85c

4-P-5721. Nickel plated steel square, hardened corners. Size of body 12x1 1/2 in.; size of tongue 8x1 in., convenient size for tool chest and for home use; absolutely accurate and a strictly first class tool. Face marked 1/4, 1/2 and 1 in.; back marked 1/8 and 1/4 in. Price.....65c

4-P-5723. Nickel plated steel square; size of body 12x1 in.; size of tongue 1x1 in.; accurately marked and a most convenient tool for ordinary work. Marked on both sides 1/4, 1/2 and 1 in. spaces. Price.....16c

JENNINGS TAKE DOWN SQUARE



Jennings take-down square. What every mechanic has long desired. Occupies space 4x24 inches and is absolutely accurate and thoroughly practical. Tongue and groove is accurately milled to fit tight and make a perfectly true joint. Has no bolts or screws to become loose or lost. The spring takes up any wear. Long bearings in grooves combined with the square shoulders insure an accurate fit. Sizes of body, 24x2 inches. Size of tongue, 16x1 1/2 inches. Face marked 1-16 and 1/4 inch spaces; back marked 1-12 and 1/4 inch spaces. Has Essex Board Measure and brace measure. Figures and graduations are deep and plainly marked. Fully warranted.

4-P-5725. Blued finish with canvas case.....\$2.25

4-P-5727. Polished finish with canvas case.....\$2.00

PLUMBS AND LEVELS

Each instrument is carefully tested as to its accuracy before it leaves the manufacturer. The woodwork is thoroughly seasoned and polished. We offer this line to those who want accurate instruments and the best value possible to secure. Absolute satisfaction is guaranteed or money refunded.

SOLID ROSEWOOD PLUMB AND LEVEL



4-M-5713. A strictly high grade level. Designed for mechanics' use. Made in the finest possible manner, perfectly finished and warranted to be perfectly accurate. Made of selected, highly polished rosewood, heavy trimmings. Built in such a manner that it will not warp or get out of plumb, requiring no adjustment. Has brass arch top plate, brass tipped side views, heavy brass ends. Lengths, 26, 28 and 30. In ordering state length desired. Price.....\$2.15

POLISHED CHERRY PLUMB AND LEVEL



4-P-5715. Brass arch top plate, two side views, proved glasses. Fully warranted. Lengths, 26, 28 and 30 inches. State length wanted. Price.....80c

POLISHED CHERRY ADJUSTABLE PLUMB AND LEVEL



4-P-5717. An excellent level for mechanics' use. Brass arch top plate, brass ends, two side views. Lengths, 26, 28 and 30 inches. State length wanted. Price.....\$1.10

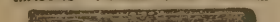
HARRIS BROTHERS CO.
35th & Iron Streets, Chicago.

ADJUSTABLE CHERRY PLUMB AND LEVEL WITH EXTENSION LEVEL SIGHTS.



4-P-5731. When not in use the sides are depressed flush with the surface of the level and raised into position by merely pressing the button. The sights are accurately adjusted and may be relied upon to extend the horizontal line to any distance required. The level is highly polished and has brass arch top plate, brass tipped side views and heavy brass ends. Length, 28 inches. Price.....\$1.90

MASONS' PLUMB AND LEVEL



4-P-5733. High grade level for brick and stone mason. Is adjustable. Has brass arch top plate, two side views and can be used with plumb bob and line. Price.....\$1.00

ADJUSTABLE PLUMB AND LEVEL



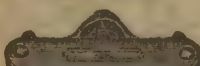
4-P-5729. Solid Cherry, highly polished adjustable plumb and level. With graduated adjustments to work at any angle or elevation. Specially desirable for cutting rafters and braces and has brass arch top plate, brass tipped side views, heavy solid brass ends. Made and finished in the best possible manner and fully warranted. Length, 28 inches. Price.....\$1.55

ADJUSTABLE IRON PLUMB AND LEVEL



4-P-5735. With double plumbs. Carefully and accurately machined. Japanese finish, nickel plated trimmings. Warranted accurate. Length, inches.....12 18 24
Price.....80 \$1.25 \$1.60

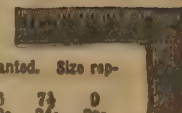
POCKET LEVEL



4-P-5737. Can be readily attached to steel square or straight edge. Iron body, brass top plate, proved glasses. Warranted true. Price.....10c

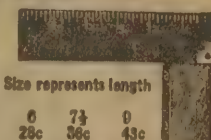
BRASS LINED TRY SQUARES.

4-P-5739. Made in a superior manner. Oxidized steel blade, accurately marked. Selected beechwood handle, brass lined. Fully warranted. Size represents length of blade.
Size, inches.....4 1/2 6 7 1/2 9
Price.....14c 18c 24c 29c



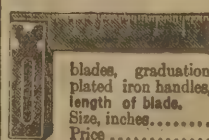
COMBINED TRY AND MITER SQUARE.

4-P-5741. Brass lined rosewood handle, steel blade. Graduations plainly and accurately marked. A first class mechanics' tool, fully warranted. Size represents length of blade.
Size, inches.....4 1/2 6 7 1/2 9
Price.....18c 25c 36c 43c



METAL TRY SQUARES.

4-P-5743. A first class tool at a moderate price. Steel blades, graduations accurately marked. Nickel plated iron handles, fully warranted. Size represents length of blade.
Size, inches.....6 8 10 12
Price.....25c 30c 40c 50c



SLIDING "T" BEVELS.

4-P-5745. Brass tipped, solid rosewood handle. For right or left hand use.
Length, inches... 6 8 10 12
Price.....20c 25c 30c 40c



METAL SLIDING "T" BEVEL

4-P-5747. Polished steel blade, nickel plated iron handles. Carefully and accurately made. Length, inches... 6 8 10
Price.....40c 50c 60c



NICKEL PLATED POCKET BUTT GAUGE.

4-P-5749. Setting outer cutter for gauging edge of door. The cutter on other end gauges distance from back of jamb. Second bar gas steel cutter for gauging thickness of butt. A convenient tool which saves its cost several times over in hanging a few doors. Price.....80c



ROTARY BUTT GAUGE.

4-P-5751. One end marks thickness and the other for width of butts. A very useful tool, polished steel, nicely finished.....25c



BOXWOOD MARKING GAUGES.

4-P-5753. Oval head and bar. Steel points, brass thumb screw. Nicely finished and accurately marked.....20c



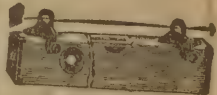
MAHOGANY MORTISE AND MARKING GAUGE.

4-P-5755. Plated head. Screw slide, brass thumb screw, steel points.....45c



LEVEL SIGHTS.

4-P-5757. Can be readily attached to any wood level. With which the user has accurate means of leveling from one given point to another at a long distance. Price, per pair.....60c
4-P-5758. Level sights for iron levels. Price, per pair.....62c



NICKEL PLATED POCKET LEVEL.

4-C-5761. Hexagon Pocket level. Proved glasses. Warranted accurate. Length, inches... 2 3/4 3 3/4
Price.....23c 28c



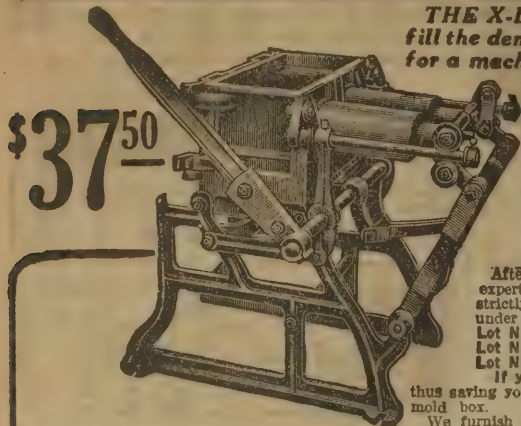
IMPORTED HARDWOOD POCKET LEVEL.

4-P-5759. Brass Top Plate. Glass can be viewed from top or side. Warranted true. Length, 5 1/2 inches. Price.....10c



If there is anything you want in Wood OR IRON WORKING MACHINERY WRITE US.

"X-L-ALL" SENIOR FACE DOWN Cement Block Machine



\$37⁵⁰

THE X-L-ALL MACHINE, new model, we offer has been designed to fill the demand of the contractor and the concrete block manufacturer, for a machine in which both brick and blocks can be made. This has been accomplished by designing a brick mold, which is interchangeable with the block mold, and will fit the standard of either of the three sizes which we offer in block making machines.

THE X-L-ALL MACHINE is the best machine that can possibly be made for the use of any one who contemplates making bricks or blocks in any quantity. It is the fastest machine on the market and extremely simple in construction and operation, so you will note from the illustrations having absolutely no complicated parts to get out of order. Each machine is made in a thorough workmanlike manner with best gray iron castings; all parts are machine finished and made interchangeable.

After much investigation and thorough examination of all high-grade machines now in the market, our concrete expert concluded that THE X-L-ALL MACHINE combined all the advantages that could possibly be obtained in a strictly first-class machine. We are not experimenting at the expense of our customers, but offer this machine under our guarantee:

Lot No. 4-K-1218. 8x 8x16 machine complete as above, weight 450 lbs. **\$37.50**
Lot No. 4-K-1220. 8x12x16 machine complete as above, weight 480 lbs. **40.50**
Lot No. 4-K-1222. 8x12x16 machine complete as above, weight 515 lbs. **44.75**

If you buy an 8x8x16 and want to make an 8x10x16 or 8x12x16 block you will not have to buy a complete outfit thus saving you money, as the one frame will accommodate the three mold boxes, also one set of face plates, for all sizes mold box.

We furnish with each mold box: 2-core end doors, 1 plain end door, 1 rock end door, 1-cast iron pallet, 2 dividing plates, 1 carrier.

Lot No. 4-K-1224. Mold Box. **\$15.75** Lot No. 4-K-1226. Mold Box. **\$19.50** Lot No. 4-K-1228. Mold Box. **\$23.85**
8x8x16. Weighs 190 lbs. 8x10x16. Weighs 225 lbs. 8x12x16. Weighs 265 lbs.

Our Concrete Block Outfits are more complete than furnished with any other similar type of machine. With this outfit you can make a full block, one-half and one-quarter blocks, return corner blocks, also round corner window blocks and joist blocks in both Rock and Plain Face design. We give you your choice of any 2 styles of faces that you desire, but unless otherwise specified we always furnish THE X-L-ALL MACHINE with a plain and rock face.

The following is a complete list of parts furnished:

- | | | |
|----------------------------------------------------------------|------------------------------------------------|-----------------------------------|
| 1 Plain Face Plate for making whole blocks. | 2 Dividing Plates for 1/4 and 3/4 size blocks. | 1 Left Hand Core End Door. |
| 1 Plain Face Plate for making one-half and one-quarter blocks. | 1 Graduating Bar. | 2 Pallet Plugs. |
| 1 Rock Face Plate for making whole blocks. | 1 Steel Plate for making Gable Blocks. | 1 Sample Iron Pallet. |
| 1 Rock Face Plate for making one-half and one-quarter blocks. | 1 Steel Striker. | 1 Steel Plate for inside corners. |
| 1 Left Hand Rock Face End Door. | 1 Sample Wood Pallet. | 1 Steel Carrier. |
| 1 Left Hand Plain Face End Door. | 2 Core Plugs. | 2 Joist Block Attachments. |
| 1 Double End Tamper. | 1 Right Hand Core End Door. | Face Plates to make 3/4 blocks. |

THE X-L-ALL MACHINE is designed for the use of either iron or wood pallets. We would recommend iron pallets; they cost but very little, if any, more than the wood pallets properly made. More block are lost by the use of poorly made wood pallets than the value represented by a full set of iron pallets. Iron pallets do not warp, and are practically indestructible. We furnish 1 each sample iron and wood pallet with each X-L-ALL BLOCK MACHINE.

Machine and parts are shipped direct from factory, near Chicago.

"X-L-ALL" JUNIOR FACE DOWN CEMENT BLOCK MACHINE

YOU CAN MAKE THE PRODUCTS YOURSELF

The Junior Face Down Block Machine meets the requirements of parties wishing to make blocks for their own use. Mounted on skids makes it a portable machine so that it may be transported from place to place or job to job as may be desired.

It is identical in construction with the Senior X-L-ALL Face Down Block Machine with the exception of the frame and the lever that operates the cores. The same mold box is used on both machines, same face plates and end doors. Made in one size only, 8x8x16. It will make a true and square block and in many cases will fill the requirements as well as the Senior X-L-ALL Face Down Block Machine.

Our Junior Face Down Block Machine with silo attachment is two machines in one which will enable you to make building blocks, 8x8x16 either rock or plain, and silo blocks 8x8x16, either rock or plain in either 6, 8, 10, or 12-ft. radius. You can make silo 12 ft. in diameter, 16 ft. in diameter, 20 ft. in diameter, and 24 ft. in diameter, and any height you may desire.

The following is a complete list of parts furnished in addition to frame and mold box:

- | | | |
|---------------------------------------------|--------------------|-------------------|
| 1 Face Plate for whole blocks. | 1 Hand End Door. | 1 Tamper. |
| 1 Face Plate for halves and quarter blocks. | 2 Core End Doors. | 1 Striker. |
| 1 Face Plate for three-quarter blocks. | 2 Dividing Plates. | 1 Graduating Bar. |
| 1 Sample Wood Pallet. | 2 Core Hole Plugs. | 1 Carrier. |
| 1 Sample Iron Pallet. | 2 Pallet Plugs. | |

We furnish rock, plain, tool, panel or rope face plates. State what style wanted.

When ordering extra Face Plates always state what design wanted.

Lot No. 4-K-1230. Face Plates, whole blocks.	\$1.95	End Door, 8x 8x16.	\$1.20
Lot No. 4-K-1232. Face Plates, whole 3/4 blocks.	1.95	End Door, 8x12x16.	1.30
Lot No. 4-K-1234. Face Plates, whole 1/2 and 1/4 blocks.	1.95	End Door, 8x12x16.	1.40
Extra Cast Iron Pallets for X-L-ALL Senior and Junior.			
Lot No. 4-K-1236. 8x16. Weight 7 lbs. Each.	\$0.24		
Lot No. 4-K-1238. 10x16. Weight 9 lbs. Each. ....	.30		
Lot No. 4-K-1240. 12x16. Weight 11 lbs. Each. ....	.35		

Always state radius and size of face plate

"X-L-ALL" Silo Cement Block Machine

Complete and Only \$18.50

Will Save You That Much on Only One Silo

The illustration at the left is our Junior X-L-ALL Silo Machine with mold box open. Note the curved face plates with beveled ends so as to make true and groove block so as to accommodate 6, 8, 10 and 12-foot radius, making a perfect close and lock joint. Also note half round in back plate which leaves a concave in finished block to receive the re-enforcement wire. This is the most perfect and complete Silo Block Machine on the market today. Note the lock joint and groove for wire.

Lot No. 4-K-1250. Size, 8x8x16. Weight, 140 lbs. Price **\$18.50**

TWO MACHINES IN ONE—X-L-ALL Junior Block Machine and Silo Block Attachment all for only \$31.50.

Silo block attachment that we can furnish for X-L-ALL Senior and Junior. Not found in any other make of machine but the X-L-ALL.

Lot No. 4-K-1252. Weight, 350 lbs. Price **\$31.50**

Silo block attachment for Senior and Junior machines.

Lot No. 4-K-1254. Size 8x 8x16 Weight 70 lbs. Price **\$ 8.00**

Lot No. 4-K-1256. Size 8x10x16 Weight 90 lbs. Price **10.00**

Lot No. 4-K-1258. Size 8x12x16 Weight 110 lbs. Price **12.00**

Always state radius and style of face plates wanted, whether rock or plain.



\$18⁵⁰

OUR GUARANTEE MEANS THAT WE MUST SAVE YOU MONEY

\$12.65 BUYS "KONKRETE KING" Face Down Block Machine

Latest Design The "Konkrete King" Block Machine has all of the good features of other machines and in addition has improvements that make it the most perfect Block Machine on the market today. It has a wrought iron adjustable rocker arm with an eccentric handle which when drawn down prevents the mould from getting out of square, insuring a perfectly true block. There are hundreds of other machines offered for sale but none of them are equipped so that a square block is assured each time without spending valuable time in adjusting and truing up the machine.

Construction The "Konkrete King" Block Machine makes blocks on the face down principle. In this way the blocks can be made with a cement face of a mixture of three to one or two to one, and the balance of the block made of a mixture of 5 to 1. The face of the block is the part that is exposed to the weather and concrete with a large proportion of cement, affords better resistance to frost and dampness. However, the entire block can be made of one mixture. Also, when it is desired to color the face of the block, this can be done and the balance of the block made without coloring, saving the expense of coloring the entire block.

There are no cogs, no springs or other devices to get out of order in the "Konkrete King" Block Machine. It operates so simple that a boy can understand it and use the machine without previous experience. Frame and flasks are made of a very high grade of tough gray cast iron, strongly bolted and braced, making the machine most durable. All lugs on the face plates are of chilled iron, giving them the needed strength so as not to break when subjected to rough handling. Flask consists of front and back wall, two core end doors, face plates, two improved rocker arms and pallet fitted in the most workmanlike manner. End doors are hinged to the face plates, which open easily when releasing the block.

Capacity The capacity of the "Konkrete King" Machine varies as to skill and experience of operator, also whether concrete is mixed by hand or machinery. One man can turn out on an average of 100 blocks a day and two men can easily turn out 250 blocks. Practice increases speed. The faster the material is delivered to the block makers, the larger the output.

Single or Double Core We furnish the KONKRETE KING BLOCK MACHINE with either single or double core flask as ordered, unless otherwise stated machine is equipped with a single core flask. KONKRETE KING is made in three sizes and so constructed that any one of the three flasks can be used on one standard, which is a great advantage should you wish to make blocks of different size. All that is necessary is to order flask attachment wanted. Are furnished either single or double core, in three different sizes for making blocks 8x8x16, 8x10x16 and 8x12x16 inches.

Pallets With each machine sample wooden pallet is furnished. You can easily make more yourself at a small expense, with simple carpenter's tools.

4-K-3. "Konkrete King" Building Block Machine. Complete for making 8x8x16 inch blocks. Wt., 175 lbs. Price, F. O. B. Factory, Cen. Wis.... **\$12.65**

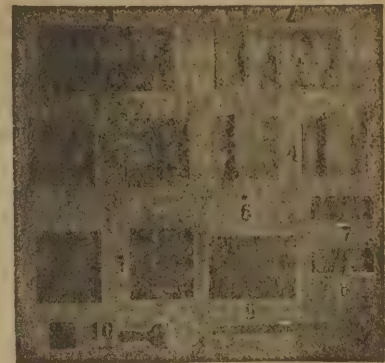
4-K-4. "Konkrete King" Building Block Machine. Complete for making 8x10x16 inch blocks. Wt., 200 lbs. Price, F. O. B. Factory Cen. Wis.... **\$17.00**

4-K-5. "Konkrete King" Building Block Machine. Complete for making 8x12x16 inch blocks. Wt., 235 lbs. Price, F. O. B. Factory, Cen. Wis.... **\$19.25**



\$12.65

Buy Complete Outfit for Making 8x8x16 inch and Fractional Size Building Blocks.



Profitable No other line of industry today offers you such big opportunity to engage in trade with such little capital as the manufacture of Concrete Blocks and other Concrete products. Requires no previous experience and is a big and sure money making proposition. At a small outlay you can buy a machine and the accessories from us, and with but very little labor you can be assured of a profit from \$7.00 a day upwards.

As example: 100, 8x8x16 inch Concrete Blocks made in the proportion of five parts of sand and gravel to one part of cement requires two barrels of cement at \$2.00 per barrel..... **\$4.00**

And one and one-half yards of sand and gravel at 70c per cubic yard **1.05**

With an allowance of..... **2.00**

For yourself or hired man for labor, making a total cost of. **7.05**

Your Profit For the 100 Blocks which readily retail at 15c each, making a profit to you of.... **\$7.95**

In addition to the above you can secure big prices for the extras, such as Porch Columns, Sills, Caps, Steps, Lintels, Water Tables, Chimney Blocks, Pier Blocks and Tile Blocks.

See next page for special attachments for "KONKRETE KING" Block Machines.

Regular Outfit The regular outfit consists of one full rock face plate, one-half and three-quarter rock face plate, two core end doors, one inter-changeable return end door, rock design; two division plates, one gable block plate, two joist block attachments, stop-off plates, necessary cores, double end tamper, striker and sample wood pallet.

With this outfit you can make a whole or fractional size block; in fact, the machine is in every sense complete and the equipment can be added to from time to time and you can make any face or anything desired for an ordinary dwelling except mill work. We can furnish face plates in the following designs: plain, rock, panel, cobblestone, tooled margin bush hammer, tooled face, tooled margin rock face, ashler face in six different designs, whirlwind scroll face, which are illustrated in the following pages. Unless otherwise specified the Machine is equipped with rock face design.

EXTRA FLASKS

"KONKRETE KING" BLOCK MACHINES

Extra Flasks for "Konkrete King" Block Machine All flask attachments are made to fit one stand, either in a single or double core. The attachments are easily changed by releasing the two pivot or hinge bolts, allowing the rockers, which carry the core plate, to be spread so as to release the core plate. The back plate, to which the latches are attached, is used for all sizes of flasks. You require different widths of pallets for each flask. Flask attachments consist of core plate, two end cored plates, one return rock end, one gable block plate, necessary cores and stop-off plates. (Shipped from factory in Central Wisconsin.)

4-K-7. 8x8x16 Flask for "KONKRETE KING" Block Machine. Wt. 100 lbs. Price..... **\$5.85**

4-K-8. 8x10x16 Flask for "KONKRETE KING" Block Machine. Wt. 135 lbs. Price..... **\$6.10**

4-K-9. 8x12x16 Flask for "KONKRETE KING" Block Machine. Wt. 160 lbs. Price..... **\$7.35**



Single Core Flask.



Double Core Flask.

HARRIS SILO BLOCK MACHINE

**MAKES FAMOUS DOVETAIL BLOCK,
TRIPLE-RE-INFORCED FROST-PROOF SILO**

**"HOW TO BUILD A SILO" WITH EVERY MACHINE
THE HARRIS SILO BLOCK MEETS EVERY REQUIREMENT**

Every farmer knows the advantage of a silo for storage of winter feed for his cattle. The United States government, department of Agriculture, the various agricultural schools and farmers' institutes all advocate and recommend silos for the farm. You can obtain bulletins giving complete information on this subject from your nearest agricultural school or from the Department of Agriculture at Washington. The question for the farmer to decide is, what kind of a silo to build. We submit here the "Harris" dovetail block, acknowledged to be the best block construction now in use. This form of construction is equal to the expensive, monolithic or poured silos which must be built with expensive re-inforcements and requires expensive forms. It is equal in strength to the poured construction because of this triple re-inforcement. The cut on this page of the blocks best illustrates the silo of block. The ends are dovetailed, a groove runs along the center of block giving ample room for two strands of No. 9 wire, which wire is of one length running the entire circumference. It has two pockets or holes which tie one layer to the one above. This construction binds each block together and also binds each course of block to the one above. The block has two cores or open spaces running the depth of block, making a continuous air space from top to bottom, insuring against freezing of ensilage.



\$14⁶⁵



Showing Dovetail Silo Block

THE "HARRIS" SILO BLOCK MACHINE is so arranged that the farmer can make his own blocks and lay them, in fact build his entire silo without the use of expensive or experienced help. He can build these blocks on off days in Winter or Summer. There is no other construction by which this can be done. It is approximately as cheap to build as the wooden or stave silo and a hundred per cent better. It will not burn, blow down or dry up and warp in Summer, requires no tightening of the hoops and keeps the ensilage from spoiling. The "Harris" silo block meets every requirement as to construction. The machine is in reach of every farmer, in price. Complete instructions, "How to Build a Silo," are furnished with every machine.

THE "HARRIS" SILO BLOCK MACHINE is made in the following sizes: 8x9x16—8x10x16—12x14x16 feet diameters. The 14 ft. machine can be used for making 16 and 18 ft. silos by spreading the blocks when laying, filling the voids with concrete. This machine is furnished only in the rock design. The 14 ft. 9 in. machine will always be shipped unless otherwise specified.

—8 x 9 x 16—

			Price
Mounted	Lot No. 4-K-1502.	Wgt. 160 lbs..	\$14.65
Unmounted	Lot No. 4-K-1504.	Wgt. 100 lbs..	11.50
Extra Face Plates	Lot No. 4-K-1506.	Wgt. 15 lbs..	1.25

—8 x 10 x 16—

			Price
Mounted	Lot No. 4-K-1508.	Wgt. 165 lbs..	\$16.65
Unmounted	Lot No. 4-K-1510.	Wgt. 105 lbs..	12.95
Extra Face Plates	Lot No. 4-K-1512.	Wgt. 15 lbs..	1.25

**Shipped from Factory in Central Wisconsin
Size of Silo to Build.**

We give herewith, a table that will show the approximate capacity of different size silos.

Diameter	Height	Cap. (Tons)	Diameter	Height	Cap. (Tons)
10 Feet	20 Feet	26	14 Feet	24 Feet	66
10 "	24 "	34	14 "	30 "	100
10 "	30 "	47	16 "	24 "	86
12 "	24 "	49	16 "	30 "	119
12 "	30 "	68	18 "	30 "	150

The following is tabulated list of about the approximate quantity for daily feed; also approximate quantity for 200 days. By multiplying the number of pounds by the number of your stock and dividing it by 2,000 which gives the number of tons, you can find just the approximate size of silo you ought to have.

Stock	Lbs. Ensilage per day per animal	Total Am't of lbs. ensilage for 200 days per animal
Dairy cows.....	40	8,000
Beef cows	35	7,000
Horses	15	3,000
Sheep, ewes	4	800
Sheep, lambs	2	400
Swine	4	800
Poultry (100).....	15	3,000

For example, if you had ten cattle you would require 80,000 lbs. of ensilage for the season; dividing by 2,000 lbs. gives 40 tons and it would therefore be well to build a silo about 12x30, which would allow for increase in your herd as well as giving you ample capacity for an exceedingly dry season.



Cost of Building a Silo 16x30

50 bbls. Cement, at \$1.55.....	\$ 77.50
Reinforcing rods and wire.....	6.50
Roof, windows, nails.....	12.00
Lumber for chute, doors, bolts, etc.....	10.00

\$106.00

"Konkrete King" Cement Fence Post Machine



"Konkrete King" Cement Fence Post Machine

Every farmer knows that timber is becoming scarcer every year. He knows that a good fence post is hard to get and he also knows that he is paying more each year for these posts. The first cost would in all probability be forgotten but the farmer also knows that he must replace these posts every year, due to decay, burning or breaking, which keeps up a continuous expense. Steel posts are out of the question because of the expense in first cost and also because steel is open to the elements and will decay the same as the wooden posts. The only substitute which is practical is the concrete fence post. These posts combine indestructibility with low first cost and inexpensive up-keep. Concrete posts are everlasting, they will not rot or decay, will not burn and are frost proof.



Farmers Can Make Their Own Posts

Block makers can find in a post machine a very salable and profitable article where the demand is unlimited. Farmers will find material almost anywhere. All that is necessary is a barn or granary floor, cement, clean sand and just enough water to dampen the mixture. You can make your posts on rainy or off days. Farmers cannot afford to be without one of these post machines. Block makers are losing a profit every day they put off buying one of these machines.

The Cost of Making Posts

A mixture of one to four is recommended for cement posts, as it will be found cheaper in the end. Posts can be made on any smooth floor, no preparation is necessary. A 7 ft. post will cost you approximately 15c, allowing \$2.00 a barrel for cement, 65c to 75c a cubic yard for sand and \$2.00 for labor. Add to this, 6c to 7c for re-inforcement for each post. If you can do your own work and have the sand near by, you save this in the cost of the post. For the block maker we would say that concrete posts sell readily at from 25c to 35c each. You will see a very handsome profit in the making of concrete posts. We offer here our "Konkrete King" corrugated fence post. This is a very popular machine for the farmer. It makes posts as shown in the illustration, either for single strand or barbed wire or wire netting. We show a cut herewith, illustrating the manner in which the re-inforcing wire is placed in the post. This method has been proven to be the very best and adds very much to the strength of the cement post.

Construction

The mould is made of high carbon steel, excepting the end gates which are made of gray iron castings. The sides are of sheet steel riveted to angle bars which are stiff and will resist handling and tamping. The mould is light and is easily handled. One man can readily take care of all operations.

Reinforcing

A No. 9 crimped wire can be used or the ordinary straight bar iron, old or new. We quote extremely low prices on the crimped iron and recommend its use. A special groover is furnished with each mould, so that exact location of re-inforcing wire is made, assuring a uniform post as to strength and durability.

Kinds of Fence and How to Fasten

Any kind of fence can be attached by using a light gauge wire, fastening one end to the strand of fence wrapping around the post in the corrugation and fastening the other end to the same strand of the fence on the other side. This allows for removing fencing without spoiling posts or the wiring. These moulds are furnished in four sizes of fence posts and one size of corner post.

PRICES.

Cat. No.		Length	Top	Bottom	Length of Corrugate	Weight	Price.
4-K-114	Lawn Fence Size.....	6 ft.	3 1/2 x 3 1/2	3 1/2 x 5 1/2	4 ft.	50 lbs.	\$ 6.65
4-K-115	Field Fence Size.....	7 ft.	3 1/2 x 3 1/2	3 1/2 x 5 1/2	4 1/2 ft.	65 lbs.	7.05
4-K-116	Large Field Fence Size.....	7 ft.	4 1/2 x 4 1/2	4 1/2 x 6 1/2	4 1/2 ft.	80 lbs.	7.45
4-K-117	Stock Fence Size.....	8 ft.	4 1/2 x 4 1/2	4 1/2 x 6 1/2	5 ft.	90 lbs.	8.18
4-K-118	Corner Post, Fence Size.....	8 ft.	8x8	8x8	5 ft.	125 lbs.	10.40

"Harris" Adjustable Fence Post Machine

Best All Round Fence Post Made

Three Posts in One, Straight or Tapered, Long or Short Post, Plain or Corrugated
Is Handled like a Wheelbarrow



The Wheelbarrow Method has Them All Beat

In the "Harris" adjustable fence post we offer the very latest improvement in fence post machines. This machine has all the advantages of the "Konkrete King" shown above. It will make posts in the same manner as the corrugated machine but will do so with greater speed because of its convenience in handling. It is strictly a one man machine. Posts can be made on any smooth floor and you can make any number a day, depending on the amount of space you have. The three posts in one is a very big feature and should be considered by a farmer or block maker. You can adjust this machine so as to make posts from 5 ft. to 7 1/2 ft. in length, increasing the size of the top from 2 1/2 in. to 4 in. and increasing the size of the bottom from 3 1/2 in. to 6 1/2 in.

Construction

The sides are made of 1/4 inch steel plate, re-inforced with angle iron. The handles and truck are of gray iron castings. The top (truck end) and bottom (handle end) are so arranged for adjustment that you can get any desired width and style of top. On this machine you can make a smooth post as well as the corrugated. For this purpose, the corrugated strip which is placed in the machine loose, is removed. A special staple form is provided to make staples of the ordinary No. 9 wire. These staples are imbedded in the cement, during process of making. The fence is fastened to these wire staples imbedded in the cement. You will only require one piece of the corrugated iron with each mould, as this strip can be used for every post made. This machine cannot be equaled and is within the reach of the farmer and block builder in price. It is built to last and will meet every requirement. It is just the machine for the block maker or farmer.

Shipped from factory in Central Wisconsin.

PRICES

Cat. No.	Weight.	Price.
4-K-119	137 lbs.	\$7.95

The illustrations below are intended to give you an idea of how we propose to fit up any Pump in our line to suit your well of whatever kind or depth.

Lift Pumps

Will raise water from any depth well when cylinder is set down to within 20 ft. of the water, but will discharge no higher than the spout of the pump.

Force Pumps

Can be fitted for any depth well by placing the cylinder at proper distance from the water and will force water to any desired height or distance from the Pump.

3 Way Force Pumps

Will discharge water through three way cock under ground through a line of pipe which should be laid below the frost line. The three way cocks or distributing valve is operated by a lever at top of Pump changing the flow of water from the spout of the Pump to the discharge pipe under ground or from the under ground discharge to pump spout instantly while pump is working.

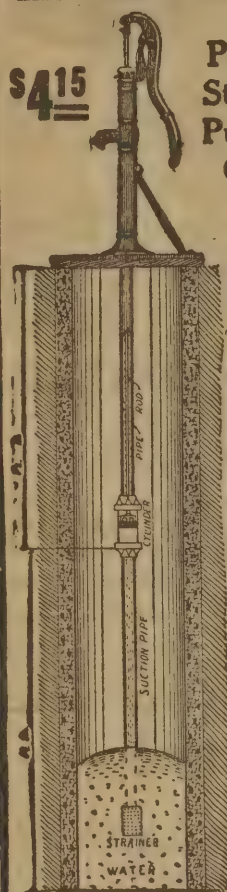
READY MADE—PUMP OUTFITS

MADE TO FIT YOUR WELL

Windmill Pumps

Can also be operated by hand, therefore it is always well to buy a Combined Windmill and Hand Pump if you may expect to operate with Windmill, Gasoline Engine or any kind of power in the future.

We have arranged these outfits for the convenience of our customers showing our most popular selling Pumps. We however can give you an estimate of any other pump in the following pages, fitted for any size well.



\$4¹⁵=

Premier Standard Pumping Outfit

Our Premier Hand Lift Pump Outfits consist of our 4-M-2267 Anti-Freezing Hand Lift Pump with 3x10 cylinder and 12 galvanized pipe. This Pump has a revolving head so that handle can be operated at any angle. Has a large water way, powerful handle, cast brace tap inside of stand, suitable for the set length as protection from breakage of the cast stand by frost. The cylinders are our very best grade. These outfits are easily installed.

We furnish the following outfit for your Pump: Pipe cut to length, Pump Rod cut to length with necessary couplings and Strainer. Note illustration, a guide in installing outfit. An entirely satisfactory Pump.

4-P-2101. Pump and outfit complete for 10 ft. well. Weight approximately 85 lbs. Price **\$4.15**

4-P-2103. Pump and outfit complete for 15 ft. well. Weight approximately 98 lbs. Price **\$4.75**

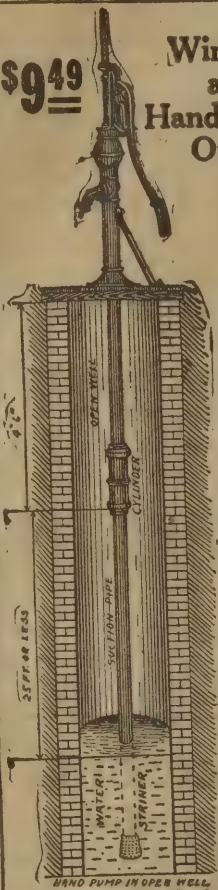
4-P-2105. Pump and outfit complete for 20 ft. well. Weight approximately 110 lbs. Price **\$5.25**

4-P-2107. Pump and outfit complete for 25 ft. well. Weight approximately 120 lbs. Price **\$5.96**

4-P-2109. Pump and outfit complete for 30 ft. well. Weight approximately 130 lbs. Price **\$6.56**

4-P-2111. Pump and outfit complete for 40 ft. well. Weight approximately 170 lbs. Price **\$8.26**

4-P-2113. Pump and outfit complete for 50 ft. well. Weight approximately 190 lbs. Price **\$9.95**



\$9⁴⁹=

Windmill and Hand Force Outfit

In this outfit we offer you our best seller of above ground Force Pumps. 4-M-2355 Pump is built heavy and strong. The back outlet is tapped for 1" or 1 1/2" Pipe, has a brass stuffing box, solid piston rod, revolving head. Intended for connecting with H. H. Heads. Extra long handle. Water can be drawn from spout or pumped into tank at any distance from the Pump by adding the required amount of Pipe connecting it to the back outlet of the Pump. The spout is fitted for a 3/4" hose. May be used in dug wells at 100 ft. if desired, by lowering the cylinder within 15 ft. of water. Cannot be used in driven wells more than 25 ft. deep as cylinder must be within 15 ft. of the water. We cut and thread all pipe, and pump rod furnished. Also all necessary couplings.

Complete outfit consisting of Pump, 3x10 cylinder, 1 1/4" galvanized Pipe, Pump Rod and Strainer.

4-P-2121. Pump and outfit complete for 20 ft. well. Weight 135 lbs. Price **\$9.49**

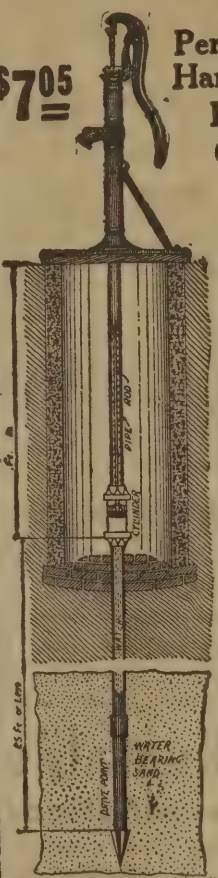
4-P-2123. Pump and outfit complete for 30 ft. well. Weight 180 lbs. Price **\$10.58**

4-P-2125. Pump and outfit complete for 40 ft. well. Weight 220 lbs. Price **\$11.67**

4-P-2127. Pump and outfit complete for 50 ft. well. Weight 250 lbs. Price **\$12.76**

4-P-2129. Pump and outfit complete for 60 ft. well. Weight 280 lbs. Price **\$13.97**

4-P-2131. Pump and outfit complete for 75 ft. well. Weight 325 lbs. Price **\$15.78**



\$7⁰⁵=

Perfection Hand Lift Pump Outfit

This Hand Lift Pump has closed top and is Anti-Freezing. Suitable for ordinary open dug, drilled or driving wells. In every case the cylinder must positively be within 20 feet of the water. This Pump is in great demand and for shallow wells where a large amount of water is required. We furnish this outfit with our 4-M-2281 Single Acting Lift Pump, pipe for the required depth of well as listed below. 3x10 polished iron cylinder, wire gauge with brass jack well point as shown in illustration. Pump rod sufficient to reach rear cylinder, threaded and with necessary couplings. This Pump can be used to a great advantage where you wish to drive or drill a shallow well. It is necessary in all cases to have a sub-well at least 4 1/2 ft. deep in which you place your cylinder. Then you can drill or drive your Pipe for 20 to 25 ft. below this and have a perfectly serviceable well. Prices as quoted below are for outfits arranged this way. In all cases you must put your cylinder within 20 ft. of the water.

All outfits furnished with 1 1/4" galvanized pipe.

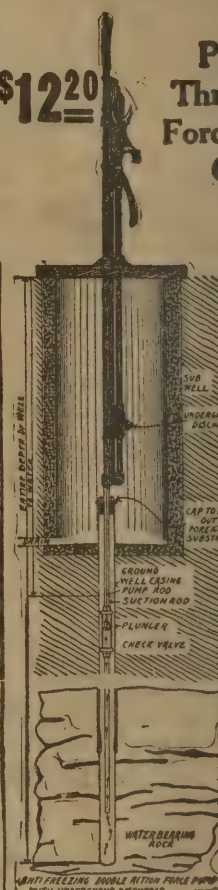
4-P-2153. Pump and outfit complete for 20 ft. well. Weight 100 lbs. Price **\$7.05**

4-P-2155. Pump and outfit complete for 30 ft. well. Weight 130 lbs. Price **\$8.10**

4-P-2157. Pump and outfit complete for 40 ft. well. Weight 165 lbs. Price **\$9.19**

4-P-2159. Pump and outfit complete for 50 ft. well. Weight 190 lbs. Price **\$10.28**

If brass lined cylinder is wanted, add **\$1.30**



\$12²⁰=

Premier Three Way Force Pump Outfit

Note drive or sub-well 4 1/2 feet deep which should always be made over a drilled or driven well so that easy access can be had to the cylinder. Casing should be cut within 4 1/2 ft. of the surface. Can be cut out with a cold chisel after sub-well is dug; then be closed water tight with a Sanitary Well Cap or heavy block of wood to prevent any sub-stance from falling into the well. These outfits are furnished with No. 4-M-2437 Pump, 1 1/4" galvanized pipe and rod to set the cylinder within 15 ft. of the water. Suction pipe from the bottom of the cylinder down into the water and strainer. Pipe and rods are all cut and threaded with couplings. Will operate with any kind of power, no matter how deep, and deliver water to any distance or height. A 3x10 Brass Tube Cylinder furnished.

4-P-2141. Pump and outfit complete for 20 ft. well. Weight about 110 lbs. Price **\$12.20**

4-P-2143. Pump and outfit complete for 30 ft. well. Weight about 160 lbs. Price **\$13.67**

4-P-2145. Pump and outfit complete for 40 ft. well. Weight about 200 lbs. Price **\$15.48**

4-P-2147. Pump and outfit complete for 50 ft. well. Weight about 230 lbs. Price **\$17.30**

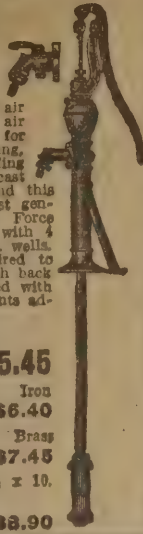
4-P-2149. Pump and outfit complete for 60 ft. well. Weight about 250 lbs. Price **\$19.60**

A Selection Of Quality Pumps Priced Low

Extra Heavy Hand Force Pump

For deep or shallow wells made of the best materials by skilled mechanics. Extra long handle. This pump is anti-freezing. Has a large air chamber. Internal air tubes. back outlet for discharge. brass covering. piston rod, brass stuffing box and heavy cast braces. We recommend this Pump as the very best general purpose Hand Force Pump made. Fitted with 4 ft. set length for 25 ft. wells. If this Pump is desired to discharge water through back outlet, it can be fitted with a cock spout at 90 cents additional.

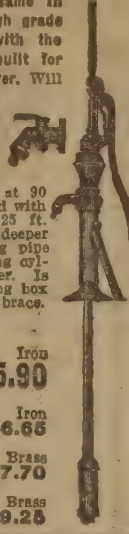
4P2357. 3x10 Iron Cylinder. Price **\$5.45**
4P2359. 3 1/2 x 10. Iron Cylinder. Price **\$6.40**
4P2361. 3x10. Brass Body Cylinder. Price **\$7.45**
4P2363. 3 1/2 x 10. Brass Body Cylinder. Price **\$8.90**



Extra Heavy Windmill and Double Acting Ratchet Head Hand Force Pump

This pump is the same in construction as our high grade Pump No. 4-P-2357 with the exception that it is built for windmill and hand power. Will force water through a hole to any desired elevation. If it is desired to discharge water through the back outlet, order with cock spout at 90 cents additional. Fitted with 4 ft. set length for 25 ft. well. Can be used in deeper wells by simply adding pipe and pump rods, keeping cylinder 15 ft. of the water. Is fitted with brass stuffing box and heavy cast iron brace. Built for heavy work.

4P2365. 3x10 Iron Cylinder. Price **\$5.90**
4P2367. 3 1/2 x 10. Iron Cylinder. Price **\$6.65**
4P2369. 3x10. Brass Cylinder. Price **\$7.70**
4P2371. 3 1/2 x 10. Brass Cylinder. Price **\$9.25**



This Pump has adjustable base brass upper cylinder goose neck spout with hose connections, constructed to go in 5% in. casing ratchet or gear head. It is an up-to-date and improved hand pump. By this construction the leverage is so much increased that a deep well being hard to pump with a fulcrum handle becomes easy to work with a Ratchet Head Pump. We furnish with this pump a lower cylinder which can be lowered to within 10 ft. of the water and used in wells of nearly any depth.

4P2411. 2 1/2 x 10. Polished Iron Cylinder. Price **\$6.60**
4P2413. 3x10. Polished Iron Cylinder. Price **\$6.65**
4P2415. 2 1/2 x 10. Brass Cylinder. Price **\$7.15**
4P2417. 3x10. Brass Cylinder. Price **\$7.35**



275



Pumps are Divided Into Two Classes—**Lift Pump and Force Pump**

Write Us for General Pump Information, Instructions, Capacity, Etc.

Premier Wind and Hand Force Pump Standard

The Premier Windmill standard is designed for Windmills and Hand Force Pumps. Another all above ground Force Pump which is built heavy and strong with a plain or cock spout as desired. Fitted for 1 1/2 in., 1 3/4 in. or 2 in. Pipe and with back outlet for 1 1/2 in. Pipe. Brass stuffing box, piston rod, revolving head, extra long handle and heavy braces. There is nothing better in Force Pump Standard. This is not a complete Pump and the price includes standard only. Standard is fitted for 6 in. stroke. In ordering, be sure and specify size of pipe for which you wish Pump fitted. Cock Spout for 80 cents additional.

4-M-2373. Fitted for 1 1/2 or 1 3/4 in. Pipe. Price **\$4.15**
4-M-2375. Fitted for 2 in. pipe. Price **\$4.30**



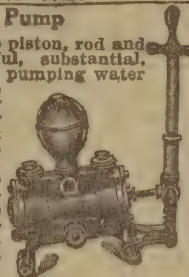
Double Acting Horizontal Force Pump

Brass lined cylinder, extension air pump brass piston, rod and valve seats, easy working, compact, powerful, substantial. This pump is used on our water work outfits for pumping water and air. This is the most powerful, reliable and efficient pump made for elevating water from well or cistern to attic tank or upper floors. Easy working against high pressure. It is double acting and has a capacity of about 300 gallons per hour. Has iron handles and provided with convenient hand holes. Each pump is tested at our factory and is guaranteed positively water and air tight. Cylinder heads are removable. Valves are easily unpacked by unscrewing. Piston rod and valve seats are brass. Both sides are tapped for 1 1/2 in. suction and 1 in. discharge.

4-M-2395. Horizontal Force Pump, 3 in. brass lined cylinder. Price **\$7.50**

When pump is used as combined water and air pump, we furnish same pump equipped with 1/2 in. pet cock and 1/4 in. check valve. Has pneumatic attachment to screw in cylinder head. To pump air and water simply open pet cock.

4-M-2455. Combined Water and Air Pump. Price **\$8.75**



OUR LEADER PUMP

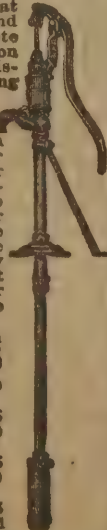
The greatest pump bargain ever offered. Has a regular 4 ft. set length. Adapted for cisterns or wells not over 25 ft. deep. By lowering cylinder within 10 ft. of water it can be used in deeper wells. Has 6 in. stroke. Fitted with 3x10 iron cylinder. The top is a separate casting attached with a set screw, allowing you to set the handle to any position you wish. It is anti-freezing. Body is cast and is large and strong and nicely finished. A wonderful bargain.

4-N-2267. Price **\$2.75**

Our Renown Force Pump

A Force Pump that will do the business and is very cheap. Complete with hose connection and strainer. Has discharge base and strong braces. A wonderful bargain and gives absolute satisfaction. Cylinder 4 in. down for cistern wells or wells 25 ft. deep or less. This pump however, is adapted to wells as deep as 50 or 75 ft. The base may be adjusted after the pump is set by merely unloosening the set screw or raising or lowering the pump to the upper height.

4P2401. 3x10 Iron Cylinder. Price **\$4.45**
4P2403. 3 1/2 x 10 Iron Cylinder. Price **\$5.05**
4P2405. 3 x 10 Brass Cylinder. Price **\$5.75**
4P2407. 3 1/2 x 10 Brass Cylinder. Price **\$6.25**
For Windmill Head add **\$1.00**



Double Acting Under Ground 3-Way Force Pump

The latest thing in an improved Anti-Freezing Hand Pump, for any depth well. For windmill or hand power. Quick-acting cam, 3-way lever, adjustable base, cast iron brace, large air valve, complete with hose connection, also cylinder and strainer. This is the best force pump to purchase for general purposes. It will discharge a great stream of water to any distance. Can be fitted with 1 1/2 in. pipe without extra cost and with adjustable stroke.

6, 8 and 10 in. at an additional cost of **\$1.25**
Ratchet Head at an additional cost of **.75c**
4P2435. 2 1/2 x 10 Brass Body Cylinder. Price **\$8.40**
4P2437. 3x10 Brass Body Cylinder. Price **\$8.60**
4P2439. 3 1/2 x 10 Brass Body Cylinder at **\$9.45**



Double Acting Hand Force Pump

This Double Acting Force Pump has adjustable base, brass upper cylinder, goose neck spout with hose connection, constructed to go inside 5 1/2 in. casing. Especially adapted to use with hose about house or barn. Throws a steady stream and is easy to operate. This is a very neat, high class force pump at a very low price. For wells deeper than 25 ft. add pipe and pump rods to put cylinder down within 10 to 15 ft. below water mark in well.

4P2427. 2 1/2 x 10 in. Iron Cyl. Price **\$6.40**
4P2429. 3x10 in. Iron Cylinder. Price **\$6.50**
4P2431. 2 1/2 x 10 in. Brass Cylinder. Price **\$7.30**
4P2433. 3x10 in. Brass Cylinder. Price **\$7.40**



Premier Double Acting 3-Way Pump

For Windmill and Hand Power Under Ground Double Acting 3 Way Force Pump. This Pump is one of our most popular sellers which we have ever offered. They simply give perfect satisfaction under all conditions. This Pump is fitted with an up-to-date cam lever for quick adjustment and distributing valve. By merely throwing the lever you can change the Pump from spout supply to third way supply and force the water to tank or out on the lawn or any place you may desire. Pump is fitted with adjustable base, hose connection, strainer, Brass upper cylinder, adjustable stroke and is tapped for 2 in. pipe with wood rod connection for tubular wells of any depth.

4P2425. Without lower cylinder. Price **\$8.40**



**DEPENDABLE
MAKES**

PUMPS AND SPRAYS

**UNUSUAL
SAVINGS**

Pitcher Spout Pumps

For cisterns and shallow wells. Bored and polished, finished in two coat green enamel paint, bronze striping. Bearer top revolves so handle can operate at any angle by raising handle to extreme height. Can drain to prevent freezing. Fitted for 1½-in. pipe unless otherwise specified.

4P2247. Size No. 1. Pitcher Spout Pump, 2½-in. iron cylinder. **95c**

4P2249. Size No. 1. 2½-in. Brass Lined Cylinder. Price.....**\$1.80**

4P2251. Size No. 2. 3-in. Iron Cylinder. **\$1.15**

4P2253. Size No. 2. 3-in. Brass Lined Cylinder. Price.....**\$1.92**

4P2255. Size No. 3. 4-in. Iron Cylinder fitted for 1½-in. pipe. **\$1.51**

4P2257. Size No. 4. 4-in. Brass Lined Cylinder fitted for 1½-in. pipe. Price.....**\$2.60**

This is an Improved Kitchen Force Pump

This Pump has a brass cylinder, brass valve seat, brass piston rod and stuffing box. Combines both features of a lift and force pump with a syphon spout with hose connection. It is tapped on top in the back of the head for a 1-in. discharge pipe. It will force the water to any desired elevation to the second or third floor or out on the lawn. The Trip to drain this Pump is operated by raising the handle to the extreme height.

4P2264. Size No. 1. 2½-in. Brass Body Cylinder, fitted for 1½-in. pipe. **\$2.99**

4P2266. Size No. 2. 3-in. Brass Body Cylinder, fitted for 1½-in. pipe. Price.....**\$3.30**



4M2527. Including Pump, Automatic Agitator, Suction Pipe and Brass Sprayer, no hose. Price.....**\$6.55**

4M2529. Pump Agitator fixtures and 2 5-ft. leads of ½-in. hose, vermored nozzle. Price.....**\$7.95**

4M2529. Pump Agitator fixtures and 2 5-ft. leads of ½-in. hose, vermored nozzle. Price.....**\$9.10**

Heavy Hand Lift Standard

This Standard is suitable for any depth well that can be pumped by hand. It is strongly built with revolving head. Handle can be operated from any angle at the spout. 6-inch stroke, fitted for ½-in. pipe. Large water-ways, strong iron brace. It is a very practical standard to use in drilled or dug wells. Prices quoted are for standard without cylinder. This standard can be used with our Cylinder **4P2273, 4P2274, 4P2275.**

4P2299. **\$2.15**

Anti-Freezing Windmill and Hand Lift Pump

This is a very substantial general purpose Pump. Built especially strong for heavy pumping. It can be quickly changed from hand to windmill by simply withdrawing the malleable pump pin from the pump handle to connect on the windmill pump rod. Furnished with the best polished iron, brass lined or brass body cylinder. Pump is furnished with a 4-ft. set length suitable for wells up to 30 ft. deep. Also can be used for wells for any depth by using additional pipe and pump rods. Always keep the cylinder within 10 to 15 ft. of the water.

4P2293. 3x10-in. Iron Cylinder fitted for 1½ in. pipe. **\$4.35**

4P2295. 3x10-in. Brass Body Cylinder fitted for 1½-in. pipe. Price.....**\$6.10**

Double Acting Barrel Spray Pump

This style of Pump is unusually powerful and is constructed to meet the demand for a first-class orchard barrel sprayer. It has but a few joints and whenever tapping is required, the best grade of hydraulic leather which is unaffected by spraying mixtures is used. The improved agitator thoroughly mixes the solution. The Pump is double acting, discharging one-half of the liquid on the upper stroke and the other half on the down stroke. The upper cylinder is made of 1½-in. seamless brass tubing and the lower is made from 2-in. seamless brass tubing. The main body of the Pump is all air chamber and capable of standing the high pressure of 150 lbs. to the square inch. This pump can be used for general work about the Farm, for washing windows, buggies, sprinkling lawns, flower beds, etc. It can be mounted on either top or side of barrel. Price does not include barrel.

4M2526. Pump, Automatic Agitator, Suction Pipe and Brass Sprayer, no hose. Price.....**\$6.55**

4M2529. Pump Agitator fixtures and 2 5-ft. leads of ½-in. hose, vermored nozzle. Price.....**\$7.95**

4M2529. Pump Agitator fixtures and 2 5-ft. leads of ½-in. hose, vermored nozzle. Price.....**\$9.10**

Perfection Anti-Freezing Lift Pump

This Pump is set length for wells not deeper than 25 ft., but cylinder can be extended with additional pipe and pump rod into any depth well that can be pumped by hand. It is equipped with a heavy strong handle, revolving top so that the handle can be operated at any angle from the spout. It has a large spout and is fitted with very best polished iron, brass lined, or brass body cylinder. Fitted with a 4-ft. set length for 1-in. stroke. Fitted for 1½-in. Pipe.

4P2269. 2½x10-in. Iron Cylinder. Price.....**\$3.00**

4P2271. 3x10-in. Iron Cylinder. Price.....**\$3.10**

4P2273. 3½x10-in. Iron Cylinder. Price.....**\$3.95**

4P2275. 2½x10-in. Brass Body Cylinder. Price.....**\$4.32**

4P2277. 3x10-in. Brass Body Cylinder. Price.....**\$4.40**

4P2279. 3½x10-in. Brass Body Cylinder. Price.....**\$5.25**



"Perfection" Spray Pump

These Pump Barrels are made of seamless brass tubing. The bottom is brass with brass gauze strainer. The valves are hard vulcanized rubber balls. The pressure which is brought on the down stroke can be easily made from 75 to 125 lbs. The nozzle will throw a spray or solid stream, sprinkle or fine mist. Every Pump is equipped with agitator to keep spraying solution stirred up. Each pump is fitted with 8 ft. of extra heavy 4 ply hose and nozzle.

4P2601. Price with bucket attachment. **\$2.50**

4P2603. Price, fitted with foot holder instead of bucket attachment. **\$2.60**

4P2603. Price, fitted with foot holder instead of bucket attachment. **\$2.60**

4P2603. Price, fitted with foot holder instead of bucket attachment. **\$2.60**

Closed Top Anti-Freezing

This Pump is designed for use in Public Places where Children or meddlesome Grown-ups may drop stone, metal, etc., into the open top that will damage the valves or make it necessary to open up for repairs. It is built for deep drilled and dug wells, also for drive wells. Has revolving top. Furnished in either iron, brass lined or brass body cylinder. This pump is furnished with cylinder placed 4 ft. down for 25 ft. well but can be fitted for any depth well by using additional pipe, keeping cylinder within 15 or 20 ft. of the water. Fitted for 1½-in. Pipe.

4P2281. 3x10-in. Iron Cylinder. Price.....**\$3.78**

4P2283. 3½x10-in. Iron Cylinder. Price.....**\$4.18**

4P2285. 3x10-in. Brass Body Cylinder. Price.....**\$5.50**

4P2287. 3½x10-in. Brass Body Cylinder. Price.....**\$6.30**

4P2287. 3½x10-in. Brass Body Cylinder. Price.....**\$6.30**

4P2287. 3½x10-in. Brass Body Cylinder. Price.....**\$6.30**

Big Mouth Stock Pump

Especially adapted for stockmen's use. Where large volume of water are to be realized by hand, this is the pump which we recommend.

4P2290. 4x10 Iron Cylinder fitted for 2-in. Pipe. **\$5.40**

4P2292. 4x10 Brass Cylinder fitted for 2-in. Pipe. Price.....**\$7.30**

Compressed Air Spraying Pump

This Pump is fitted with a 1½ in. seamless drawn brass cylinder. The pump is connected at the bottom of reservoir with an air tube and valve so that each stroke of the pump forces air in at the side, also has agitator mixer. The nozzle is of special size, single vermored, fitted with 2 caps for making fine or coarse sprays. The reservoir is made of the best galvanized steel and brass. Hose, 3 ft. of the best ¾ in. spray hose. Belt nicely constructed to fit over body. Shipped from Southern Illinois.

4P2539. Size No. 15, 4 gallon steel sprayer. Price.....**\$5.50**

4P2541. Size No. 16, 4 gallon brass sprayer. Price.....**\$8.00**

4P2543. Size No. 17, 5 gallon steel sprayer. Price.....**6.00**

4P2545. Size No. 18, 5 gallon heavy brass sprayer. Price.....**9.00**

Improved Windmill Standard, Adjustable Stroke

Specialty adapted for deep hard pumping wells. Fitted with strong long range bearer top, long heavy handle and adjustable stroke, 6, 8 and 10 in. For Windmills, Gasoline Engines, Pump Jacks or Hand Power. Fitted for 1½, 1¾ or 2 in. pipe. Always shipped for 2 in. pipe with malleable connections for wood pump rods unless otherwise specified.

4P2297. **\$3.35**

Double Acting Air Pump

This Pump is one of the most substantial and efficient Air Pumps on the market. Has a 36 in. iron handle which gives a ample leverage so that it can be operated with very little exertion. The cylinder and valves are of brass and pump is double acting and will provide a large column of air. The pump handle can be removed when pump is not in use. Diameter of the cylinder, 3½ in.; length, 5 in.

4P2421. **\$8.75**

Two-Way Kitchen Force Pump

This Pump is fitted with brass cylinder, brass valve seats, brass piston rod and stuffing box. It is tapped on top in the back of the head for 1-in. discharge pipe. Has a spacious air chamber directly over cylinder at rear of Pump with brass compression top with hose connection. It is a very powerful Pump and will maintain a high pressure. We recommend that this Pump be placed within 23 ft. of the water. Complete with cock spout.

4P2263. Size No. 1. 2½-in. Brass Cylinder fitted for 1½-in. pipe. **\$3.98**

4P2265. Size No. 2. 3-in. Brass Cylinder fitted for 1½-in. pipe. Price.....**\$4.20**

4P2265. Size No. 2. 3-in. Brass Cylinder fitted for 1½-in. pipe. Price.....**\$4.20**

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4P2263. Size No. 1. 2½-in. Brass Cylinder fitted for 1½-in. pipe. **\$3.98**

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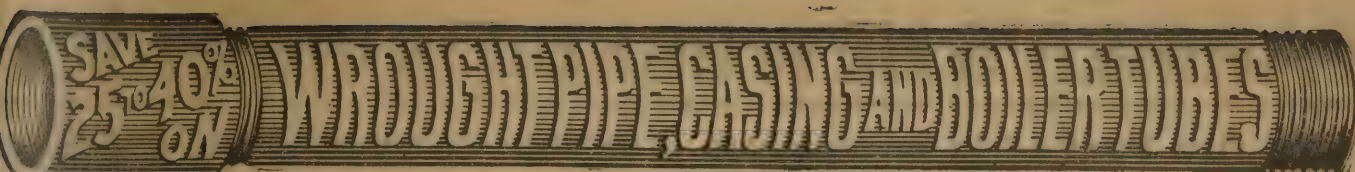
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4P2265. Size No. 2. 3-in. Brass Cylinder fitted for 1½-in. pipe. Price.....**\$4.20**



STANDARD IRON PIPE

NEW GAS, WATER AND STEAM PIPE

6-N-1 This pipe is brand new, fully tested and guaranteed. The very best quality made, and easy to cut and thread when desired. The Size of

Pipe is always determined by its inside diameter. It comes in random lengths ranging from 16 to 21 feet, that is, we sell it only in full lengths just as it comes from the mill and any specifications calling for exact lengths must be charged for, extra for threading as per specifications shown below. We will, however, fill your order for lengths as nearly as possible according to your requirements. Each length threaded on both ends, fitted with coupling on one end. The following prices are for full lengths only and where it is ordered in cut or specified lengths there will be an additional charge for the threading at both ends. (See table below.) No couplings are furnished with pipe cut or ordered in special lengths. Our quotations below are based on latest market prices and are exceedingly low. We cannot make a firm price on pipe, and all quotations made are subject to market changes.

Our prices are for quantities up to 1,000 feet. We solicit special inquiries in large quantities. We will quote freight prepaid prices on application.

ORDER BY LOT NO. 6-P-1

Inside Diameter Inches	Outside Diam. In.	Weight, Per Ft. Lbs.	Price Per Ft. Black	Price Per Ft. Galv.	Extra Threads Each
One-eighth	0.40	0.24	\$0.02½		\$0.02½
One-quarter	0.54	0.42	.02½	\$0.04½	.02½
Three-eighths	0.67	0.56	.02½	.05	.02½
One-half	0.84	0.84	.03½	.05½	.02½
Three-quarters	1.05	1.12	.04	.07	.02½
One	1.31	1.67	.06	.10½	.03
One and one-quarter	1.66	2.24	.08	.13½	.03½
One and one-half	1.9	2.68	.09½	.16½	.04
Two	2.37	3.61	.12	.22½	.05
Two and one-half	2.87	5.74	.20	.35	.06
Three	3.5	9.00	.28½	.52	.07
Three and one-half	4.	10.66	.33½	.62	.10
Four	4.5	12.49	.46	.74	.12
Four and one-half	5.	14.50	.53½	.87	.18
Five	5.56	18.76	.69½	1.10	.27
Six	6.62				.35

We can furnish all sizes up to 12 in. Write for prices on larger sizes.

PIPE CASINGS

6-G-7. We have a large quantity of overhauled lap welded wrought casing which is as good as new. The threads are newly cut and each length is fitted with a new coupling. It is not as heavy as the standard pipe, but it will stand equally as much and even greater pressure.

This casing can be used for almost any purpose for which standard black pipe is used, and it is especially recommended for water, gas, and oil lines. Owing to the fact that it is lighter than the standard pipe, it has finer threads. Regular casing threads 14 to the inch. In connection with this casing we can furnish a full line of standard fittings which you will find quoted under the head of "Casing Fittings." These fittings being made to work in connection with the casing.

ORDER BY LOT NO. 6-G-7

Inside Diam. Inches	Outside Diam. Inches	Approx. Weight per ft. lbs.	Price per ft.
One and three-quarters	2	2	\$0.05½
Two and three-quarters	3	3½	.08
Three	3½	4	.10
Three and one-quarter	3¾	4½	.11
Three and three-quarters	4	5½	.12
Four and one-quarter	4½	6½	.17
Five and five-eighths	6	10½	.25
Six and one-quarter	6½	13	.35
Seven and five-eighths	8	15	.45

BOILER TUBES FOR RE-TUBING PURPOSES

6-G-9. We offer below an opportunity

to purchase overhauled selected boiler tubes at prices that mean an enormous saving to you. These tubes are carefully inspected before shipment, and we guarantee them absolutely satisfactory for retubing boilers of any kind.

We ship them forward with the understanding that you will be satisfied with them, and we give you the privilege, upon inspection, to return them to us, provided you do not find them to our representations.

We cut these tubes to lengths. They have square ends, are straight, and are practically free from rust and scales.

Outside Diam. In.	Thickness Inches	Weight per ft.	Price per ft.
Two	.095	1.92	\$0.07
Two and one-quarter	.095	2.17	.08
Three	.109	3.25	.10
Three and one-quarter	.120	4.50	.11
Three and one-half	.120	4.32	.12
Four	.134	5.47	.14
Four and one-half	.134	6.17	.16
Five	.166	10.50	.29

HARRIS BROTHERS CO.
12th & Iron Streets, Chicago.

OVERHAULLED IRON PIPES

6-G-5. For steam, water, gas, oil, railing and general purposes. This pipe is known as "Rejuvenated" or

overhauled pipe, that is, it represents material that comes to us in connection with various contracts we have, and before shipment is put through our shops and thoroughly overhauled, bad ends cut off, properly re-threaded where necessary and furnished with good couplings throughout. Each length is therefore complete with threads and couplings, unless instructed to the contrary. We paint this pipe with a combination asphalt and graphite paint before shipment. It can be used for all general purposes. It is straight and free from material defects. It comes in random lengths. Prices named below are based on ordinary requirements ranging up to 1000 feet. On application we will quote freight prepaid prices in ordinary quantities, or if you are in the market for a carload or more of this material, write for special freight prepaid prices.

All pipe sold at the following prices is on the basis of pipe furnished in random lengths and not where ordered in specified lengths. In such cases, we charge extra for cutting as per specifications shown below. Pipe ordered cut to length is not furnished with couplings. We will furnish pipe in any specified length with plain ends, subject to stock on hand, and will charge for cutting at one half (½) the rate we charge for extra threads; for instance,

1 inch pipe cut to 4 foot, threaded two ends; our price is 3½¢ per foot, making 13¢ for the 4 foot; plus the cost of 2 threads at 3½¢ each, 7¢ making a total cost of 20¢. We could furnish a piece of pipe 1 inch diameter 4 foot long, without threads for 14½¢; in other words we will charge on the basis of one-half the cost of threading.

Our stock of overhauled pipe includes practically every size known. We list, however, only the regular staple sizes and suggest when you are in the market for a large quantity of pipe, or for pipe in very large sizes that you write us fully as to your requirements. We cannot furnish overhauled pipe in galvanized material. It comes in black only.

ORDER BY LOT NO. 6-P-5

Inside Diameter Inches	Outside Diam. Inch	Weight per ft. Lbs.	Price per ft. Black	Extra Threads Each
One-eighth	0.40	0.24		\$0.02
One-quarter	0.54	0.42	\$0.01½	.02½
Three-eighths	0.67	0.56	.01½	.03
One-half	0.84	0.84	.01½	.02
Three-quarters	1.05	1.12	.03	.03
One	1.31	1.67	.04	.03½
One and one-quarter	1.66	2.24	.05½	.03½
One and one-half	1.9	2.68	.07	.05½
Two	2.37	3.61	.08	.08
Two and one-half	2.87	5.74	.15	.07
Three	3.5	9.00	.19	.10
Three and one-half	4.	10.66	.25	.12
Four	4.5	12.49	.30	.18
Four and one-half	5.	14.50	.35	.27
Five	5.56	18.76	.50	.35
Six	6.62	23.27	.63	.50
Seven	7.62	28.18	.75	.75
Eight	8.62			

Prices on larger sizes on application

NEW BOILER TUBES

6-G-10. For tubing purposes. We can furnish these

either in regular lengths or cut to length, as per schedule shown below. These tubes are absolutely A-1 in every particular. When ordered in specified lengths, add 10% for cutting.

The sizes mentioned below are all Outside Diameter.

Outside Diameter Inches	Weight per foot Inches	Price per foot	Extra for cutting contrary to sizes in stock, per cut.
One	.09	\$0.21	\$0.04½
One and one-quarter	1.12	.20	.04½
One and one-half	1.40	.19	.04½
One and three-quarters	1.68	.14	.04½
Two	1.90	.12	.04½
Two and one-quarter	2.17	.14	.05
Two and one-half	2.75	.16	.05
Two and three-quarters	3.	.18	.05
Three	3.33	.19	.06

Prices on larger sizes on application

We have the following lengths in stock:

SIZE—Inches	LENGTH IN STOCK.
One	12-foot
One and one-quarter	10, 12 and 14-foot
One and one-half	6, 10, 12, 14 and 16-foot
One and three-quarters	2, 3, 3½, 4, 5, 6, 7, 8, 10, 12, 14, 15, 16, 18-foot
Two	2, 2½, 3, 3½, 4, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18-foot
Two and one-quarter	10, 12, 14, 16 and 18-foot
Two and one-half	3, 4, 5, 5½, 6, 6½, 7, 7½, 8, 9, 10, 12, 14, 16 and 18-foot
Two and three-quarters	10, 12, 14, 16 and 18-foot
Three	4, 5, 6, 7, 7½, 8, 9, 10, 11, 12, 13, 14, 15, 18, 20-foot

Where you require tubes cut to different lengths than those carried in stock, we charge extra for cutting as shown above and also charge for the waste in cutting the tube from the nearest size we have in stock. For instance: If you want a 1½" tube cut to 5' 4" long, we must cut this out of stock tube 6 foot long and we charge you for one 1½" tube 6' long at 14¢ per foot, 84¢, and extra for cutting 4½¢, making one 1½" tube cut to 5' 4" long cost you 88½¢.

For Further Information on Pipes and Tubes, Write Us

FARMER'S NEW MIXED WIRE NAILS

They Are Packed in Sizes From 3 to 40d Shipped From Chicago

90c BOX

33 $\frac{1}{3}$ Lbs.

\$1.60 BOX

66 $\frac{2}{3}$ Lbs.

\$1.90

PER KEG

100 Lbs.

THESE SIZES FIT EVERY PERSON'S NEED.



An assortment of wire nails, ranging in sizes from 3's to 40's all standard, clean wire nails, sizes that are being used every day. An assortment of wire nails is something that every man, no matter what his position should have as nails are used a dozen times every day and this is the way to buy them. The same quantities bought at retail in the regular way would cost twice what we are asking for them. When making a shipment you will often find that it is impossible to make up sufficient weight of other material. We are therefore offering these nails in three different size packages: 33 $\frac{1}{3}$ pound boxes, 66 $\frac{2}{3}$ pound boxes and 100 pound kegs. With this range of weights it will be very easy for you to get just such an assortment of nails as you will need. We guarantee that we will give an assortment of regular standard nails which are being used every day, and no matter what your business you will find that this assortment of nails will come in handy. Prices as follows. Don't forget to include this bargain in your next order.

2-N-4051.

2-N-4053.

2-N-4055.

33 1-3 lb. box of mixed nails 3d to 40d. **90c**
Price.....

66 2-3 lb box of mixed Nails. 3d to 40d. **\$1.60**
Price.....

100 lb. keg of mixed Nails. 3d to 40d. **\$1.90**
Price.....

WIRE NAILS AT MONEY SAVING PRICES FOR QUICK BUYERS

WIRE NAILS AT MONEY SAVING PRICES.

The wire nails we are offering are regular standard size, full length. The prices we are quoting on wire nails are subject to change without notice, depending entirely on the market conditions. When you send us your order, if the price on nails has been reduced, we will give you the benefit of the lowest price. We do not sell less than a keg of nails at the keg price. All kegs weigh 100 lbs.

STANDARD NAIL SIZES AND LENGTHS IN INCHES.

Size	Length, In.	Diameter
60d.....	6	9/32 of an inch
40d.....	5	7/32 of an inch
30d.....	4 $\frac{1}{2}$	13/64 of an inch
20d.....	4	3/16 of an inch
10d.....	3	5/32 of an inch
8d.....	2 $\frac{1}{2}$	5/32 of an inch
6d.....	2	1/8 of an inch
4d.....	1 $\frac{1}{2}$	1/8 of an inch
3d.....	1 $\frac{1}{4}$	3/32 of an inch
2d.....	1	3/32 of an inch

No. 2-N-4001. COMMON WIRE NAILS.

Size	No. nails to keg	Price per lb.	Price per keg
2d.....	54,800	4c	\$3.25
3d.....	54,800	4c	3.10
4d.....	29,800	3 $\frac{1}{2}$ c	3.05
6d.....	17,900	3 $\frac{1}{2}$ c	2.85
8d.....	10,100	3 $\frac{1}{2}$ c	2.50
10d.....	6,600	3c	2.45
20d.....	3,100	3c	2.50
30d.....	2,400	3c	2.50
40d.....	1,800	3c	2.50
60d.....	1,100	3c	2.50

No. 2-N-4005. WIRE CASING NAILS.

Size	Price, lb.	Price, keg
6d.....	4c	\$2.85
8d.....	4c	2.75
10d.....	3 $\frac{1}{2}$ c	2.65

STEEL WIRE BRADS

No. 2-N-4017. Put up in 1-lb. packages.	1/4	5/16	3/8	7/16	1/2	1 1/4	1 1/2
Length, inches.....	19	18	18	17	16	15	15
Gauge wire.....	106	90	70	60	60	50	50
Price, per pound.....							

SLIM WIRE NAILS.

No. 2-N-4019. Put up in 1-pound packages.	3/4	7/8	1	1 1/4	1 1/2
Length, inches.....	19	17	16	15	15
Gauge wire.....	70	60	60	50	50
Price, per pound.....					

No. 2-N-4007. WIRE FLOORING NAILS.

Size	Price, lb.	Price, keg
8d.....	4c	\$2.50
10d.....	3 $\frac{1}{2}$ c	2.45

No. 2-N-4003. WIRE FINISH NAILS.

Size	Price, lb.	Price, keg
4d.....	4c	\$2.95
6d.....	4c	2.75
8d.....	4c	2.65
10d.....	3 $\frac{1}{2}$ c	2.55

No. 2-N-4008. WIRE FENCING NAILS.

Size	Price, lb.	Price, keg
8d.....	4c	\$2.50
10d.....	3 $\frac{1}{2}$ c	2.45

No. 2-N-4009. FINE WIRE OR LATH NAILS.

Size	Price, lb.	Price, keg
2d.....	4c	\$3.10
2d.....	3 $\frac{1}{2}$ c	2.70

No. 2-N-4013. GALVANIZED SHINGLE NAILS.

Size	Price, lb.	Price, keg
8d.....	7c	\$6.00
4d.....	7c	6.00

MIXED WOOD SCREWS

This Assortment Contains About 950 Pieces. All Bright New Wood Screws

One of the most wonderful bargains ever offered our customers, containing flat and round head, and bright screws—from the smallest.

This box contains five pounds, and should you go to your local dealer he would charge you at least \$2.50 for this assortment. A man on a farm cannot afford to be without one of these assortments, as every minute in the day he finds some occasion to use some of them. Send us in a trial order for one of these boxes. You will be pleased and also save about \$2.50 on the same quantity. Prices are retail. We have other handy assortments; do not neglect to look them up and take advantage of the wonderful values.

Do not forget to include one of these assortments in your next order. 4-N-8042. 5 pound package mixed screws... \$1.49

43c BOX
950 PIECES
5 lbs. Handy Assortment of Screws

All Sizes and Lengths up to 2 inches

A Splendid Bargain



Sheathing Paper, Felt and Sundries

Sheathing Papers are Not Suitable for Roofing Purposes

To be Used Under Floors, Shingles, Clap Boards, on Walls and Ceilings

"Premier" Red Rosin Sized Sheathing Paper Is made by a special process; rosin sized, making it damp-proof and vermin proof. We guarantee this paper to be absolutely the best for ordinary building purposes. Put up in rolls of 20 lbs., 30 lbs., 40 lbs., 36 inches wide, containing about 500 square feet.

Weight and Price Per Roll

70-P-10 20 Pounds	88c	10-P-11 30 Pounds	\$1.32	10-P-12 40 Pounds	\$1.76
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"Perfection" Tarred Felt Is used extensively for roofing, sheathing and general building purposes. Made of the best grade of wool felt, carefully selected; thoroughly saturated with distilled tar. Warranted to unroll freely without sticking. Grade No. 1 is our heaviest and is used as a sheathing paper for all general purposes; also between floors for deadening purposes. Grade No. 2 is of medium weight and makes an excellent sheathing paper. Put up in rolls 32 inches wide, weight approximately 60 lbs. each.

Weight and Price Per Roll

10-P-13. No. of square feet to the roll. 225 Grade No. 1. Price, per roll	\$2.75	10-P-14. No. of square feet to the roll. 450. Grade No. 2. Price, per roll	\$2.75
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"Premier" Wool Deadening Felt Made of the very finest selected grade of wool felt soft and pliable. It is used to deaden sound between floors and walls. We recommend that it be used under floors as it adds to the warmth of the building. Put up in rolls 36 inches wide.

Weight and Price Per Roll

10-P-19. Weight per square yard, 1 lb.; approximate 50 sq. yds. to roll. Grade No. 1. Write for prices.	10-P-99. Weight per square yard, 1 1/2 lbs.; approximate 75 sq. yds. to roll. Grade No. 2. Write for prices.
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Owing to the European war creating an abnormal demand for paper of all kinds, especially felts for ammunition purposes, prices on all kinds of paper are subject to market changes.

"Perfection" Tarred Straw Board Sheathing

This is a very popular sheathing paper and is made of heavy straw board, thoroughly saturated with distilled coal tar. It is put up in rolls 32 inches wide and weighs about 16 lbs. to the 100 square foot. Rolls weigh from 50 to 75 lbs.

10-P-18. Price, per lb. 5c

"Perfection" Slaters Felt

This is the ideal sheathing paper and is also used largely under metal and slate roofs. It can be used in place of Red Rosin or any other of the sheathing papers we offer. It is put up in rolls 36 inches wide, each roll containing 500 square feet. Weight per roll, approximately 35 lbs.

10-P-15. Price, per roll. \$1.62

"Premier" Blue Plaster Board

We guarantee this to be the best grade of Plaster Board manufactured. It is a strong, tough paper, used under clap boards for sheathing and on walls in place of plaster. When used for this purpose it is tacked to the studding and wall paper can be placed over it, making a very satisfactory body. It is put up in rolls 36 inches wide.

10-P-16. Contains 250 square feet. Weight, 30 lbs. Write for prices.

10-P-17. Contains 500 square feet. Weight, 60 lbs. Write for prices.

Eagle Brand Coating.



A black, protective coating manufactured by a special process from a refined pitch fluxed with mineral oil. One gallon covers about 100 square feet, dries in 24 hours. Valuable for preserving felt roofs or surfaces exposed to water or dampness. Can be used

with good results on any exposed surface and will keep your roof in good shape. We recommend its use in connection with prepared tarred felt roofing. It is not as durable as our Protecto Asphalt Paint which we guarantee to be the best preservative paint on the market.

Number	Size	Price
13-H-33.	2 gal.	\$0.64
13-H-34.	5 gal.	1.05
13-H-35.	10 gal.	1.95
13-H-36.	25 gal.	3.00
13-H-37.	50 gal.	5.50



RAWHIDE
OILED
INSULATED
SHEATHING

AIR
WATER
AND
VERMIN
PROOF

This, as well as all material bearing this brand, is of the very highest quality. We know that in our Rawhide, we are offering the very best building paper that was ever put on the market. It is absolutely Air, Water and Vermin Proof, and will undergo the severest heat test without becoming hard or brittle. It is put up in rolls weighing approximately 20 lbs. and guaranteed to contain 400 square feet. Is 36 inches wide.

10-P-100. Rawhide Building Paper. \$1.50
Per roll.....

Premier Refined Asphalt Coating.

For recoating Gravel, Metal or Composition Roofs. Also for coating reservoirs and cisterns and for waterproofing the foundations of buildings. This Asphalt is 99 per cent. pure and melts at 208 degrees Fahrenheit.

Compared with coal tar, it has much greater covering surface. One ton contains about 250 gallons as against 166 gallons to one ton of coal tar. For all waterproofing work, such as foundations, it requires about 30 pounds to the square and for recoating roofs about 40 pounds to the square. When melted this Asphalt can be easily applied. Put up in steel drums containing approximately 100, 250 and 400 pounds.

13-M-49. Price, per drum, about 250 lbs.	\$3.75
13-M-50. Price, per drum, about 400 lbs.	\$6.00
13-M-51. Price, per drum, about 100 lbs.	\$1.50



Roofing Brushes. Heavy, stiff bristles, properly cemented into head of selected air dried, hard maple. Each knot is very full and wire bound. Can be used for applying Asphalt, Pitch and roof coating.

13-H-47. 2-Knot Brush. Price	37c
13-H-48. 3-Knot Brush. Price	57c

"Perfection" Asbestos Roll Mill Board

Same as mill board in sheets except put up in rolls 36 inches wide. It is made a little softer than the sheets and can be used for the same purposes as the sheet mill board. Adapted to fire proofing ceilings over boilers or other surfaces that are in close contact with excessive heat. Comes in rolls weighing about 65 lbs.

No.	Thickness Inches.	Weight per 100 Sq. Ft.
13-P-29	3-32	45 lbs.
13-P-30	1-8	80 lbs.

Write for prices.

"Perfection" Asbestos Sheathing Felt

This material is made of asbestos and is fireproof. Is used for linings of floors, partitions and for wrapping hot water pipes, etc. Put up in rolls 36 inches wide. Weight of roll about 60 lbs.

Order No.	Thickness of felt inches	Weight per 100 sq. ft. to a roll
13-P-20	1/2	10 lbs.
13-P-22	3/4	16 "
13-P-24	1	30 "

Write for prices.



Large Flathead Galvanized Roofing Nails

The best nail on the market. Be sure to mention if these nails are to be used over shingles for this 1 1/2-inch nails are wanted otherwise we will send you 1 inch nails.

Length, Inches.	Price, Per Sq. Per 100-lb. Kg
1 1/2	60 \$5.00
1 3/4	70 \$5.50

Coal Tar Roofing Pitch.



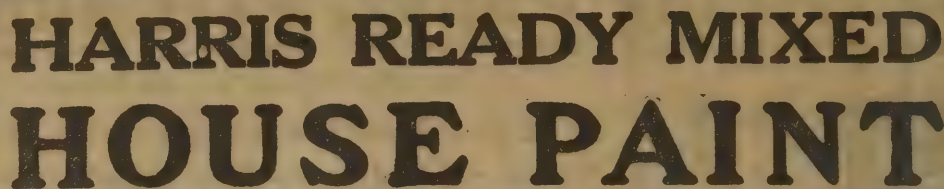
Used by the largest roofing contractors for coating tarred felt roofs. Will also be found very desirable for coating foundations to effectually keep out the moisture.

Can also be used to excellent advantage in painting anything that is to be placed in the ground. In addition to being water-proof, it acts as a preservative. Comes in solid form and requires melting so that it can be applied to the surface. Sold only in full barrels weighing about 300 or 400 pounds. 13-H-35. Price, per 100 lbs. 74c



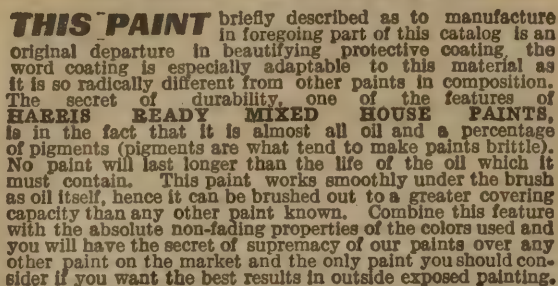
EVERREADY ROOF MENDER An elastic compound in stick form for mending leaks in all kinds of roof, tin, iron, felt, slate, etc., also eave troughs, iron or wood tanks and many other places where leaks occur. It is always ready for use and will not dry out. Made in black only.

13-H-49. Price, each	20c
Price, for six	\$1.10



\$1¹³ TO \$1²⁷
PER GALLON

**Over Fifty Different
Shades To Select From**



IT IS POSSIBLE for us to furnish you with our line of **Paints** at the low prices quoted below, owing to the simple fact that our paint trade has developed to the point where we are able to dispose of the entire output of our large factory, and in view of our immense paint sales we are able to make our contracts on the most favorable basis, and are, therefore, in a position to save our customers the large profits that a regular dealer in paints is obliged to make. You can save 30 to 50 per cent per gallon. **HABEIS READY MIXED PAINTS** are equal and even superior to most of the paint sold at \$1.75 to \$2.00 per gallon. It often occurs that dealers will carry paint over from year to year and you have no assurance of getting your paint of uniform color and consistency. In buying **NTS** you are absolutely sure of fresh stock of the highest market. Bear in mind our **INSURANCE POLICY** is your ace gallon for gallon without cost to you, any **HABEIS** is to give the utmost satisfaction.

HARRIS READY MIXED PAINTS you are absolutely sure of fresh stock of the highest grade of ready mixed paint on the market. Bear in mind our **INSURANCE POLICY** is your protection and that we will replace gallon for gallon without cost to you, any **HARRIS READY MIXED PAINT** that fails to give the utmost satisfaction.

THE COST OF PAINTING a house, barn or fence is so little, as compared to the value of protection against rot and decay, caused by the elements and to the length of time it prolongs your buildings, that you cannot afford to let your house, barn or fence stand unpainted. **HARRIS READY MIXED HOUSE PAINT** not only beautifies but protects your house against weather and other causes such as fire, rot, rust, and insects, and makes it more valuable than any other paint. **HARRIS READY MIXED HOUSE PAINT** is the most durable paint manufactured. It is made in 36 colors and put in gallon cans, $\frac{1}{2}$ and $\frac{1}{4}$ gallon cans. We will also make to order promptly any shade that you may desire to matching. Guaranteed to cover 250 to 300 square feet of surface, two coats, to one gallon.

PRICE FOR ANY COLOR—EXCEPT THOSE MARKED WITH *			
9-P-601.	Harris Ready Mixed Paint.	9-P-605.	Harris Ready Mixed Paint.
1 quart can, each	.....\$79	1 gallon can, each	.....\$1.27
9-P-603.	Harris Ready Mixed Paint.	9-P-607.	Harris Ready Mixed Paint.
1 gallon can, each	.....680	5 gallon kit, per gallon.	.....\$1.20
Outside White, Inside White, and Black, furnished in addition to colors shown, at the above prices.			
Be sure and mention name and number of color when ordering.			
		9-P-609.	Harris Ready Mixed Paint.
		25 gallon half barrel, per gallon	.....\$1.17
		9-P-611.	Harris Ready Mixed Paint.
		50 gallon barrel, per gallon	.....\$1.10

PRICES FOR SPECIAL COLORS MARKED WITH *			BLIND GREEN No. 5140H—DEEP GREEN No. 4140H—MOSS GREEN No. 5160H, DARK GREEN No. 5139H.		
[CHERRY No. 2152-H and VERMILION No. 5154-H.			9-P-615E.	5 gallon can, per gallon	\$1.55
9-P-615A.	5 gallon can, per gallon	\$1.55	9-P-615F.	1 gallon can, each	1.60
9-P-615B.	1 gallon can, each	1.60	9-P-615G.	1 gallon can, each	.850
9-P-615C.	1 gallon can	.850	9-P-615H.	1 quart	.800
9-P-615D.	1 quart can	50c			



The prices on practically all paint in our GUARANTEED HOUSE PAINTS, such as, white lead, zinc, pure linseed oil, and all pigments, have advanced more than double in a very short period. However, we still guarantee our paints to be absolutely as good as before these prices went up and our Binding Guarantee fully protects you on all this material as before.

CHALLENGE BARN PAINT 50¢ to 58¢ **Per Gallon**

We do not guarantee the lasting qualities of Challenge Barn Paint, neither do we recommend its use. If you feel prompted to buy the Challenge Barn Paint for economical reasons, we assure you that you will find it far more economical to buy the Harris Barn Paint, which is sold under our binding guarantee and would give you the utmost satisfaction. The Challenge Barn Paint is intended only for rough or temporary work.

LIST OF COLORS OF CHALLENGE BARN

9-P-709. Challenge Barn Paint, put up in 1-gallon cans.	58c
Your choice of any color mentioned above	58c
9-P-711. Challenge Barn Paint, put up in 5-gallon kit.	55c
Your choice of any color as mentioned above, per gallon.....	55c

If you have buildings or fences or any kind of surface that you want painted and do not care for a lasting job, you will find our Challenge Barn Paint in every way satisfactory for work of this kind. The colors are strong and carefully ground; it brushes out freely and will present an attractive appearance. Owing to the very low price at which this paint is sold it is not ground in pure oil, which, of course, decreases its lasting qualities.

9-P-719. Challenge Barn Paint, 25-gallon barrel. Your choice of any color as mentioned above, per gallon..... **53c**

9-P-721. Challenge Barn Paint in 50-gallon barrels. Your choice of any color as mentioned above, per gallon..... **50c**

We Save You 30 to 50 % on Brushes, Varnishes, Paints and Oils. **HARRIS BROTHERS CO.**
35th & Iron Streets, Chicago.



HARRIS BARN PAINT

**Suitable for
Barn, Roofs, Fencing,
Outhouses
and General Structural
Iron Work**

**64c to 79c PER
GALLON**

**A Combination
of the Finest Mineral
Pigments,
Pure Linseed and Pre-
servative Oils**

AN IDEAL PROTECTION

OUR HARRIS BARN, ROOF AND FENCE MINERAL PAINT

Is a high-class preservative for barns, roofs, fences and out-buildings. It is the only paint to use for structural iron and bridge work. A lasting preparation compounded by our expert chemist. Our paint superintendent is acknowledged to be the best known paint authority today—has 30 long years of experience producing paint according to the most modern methods, regardless of cost, and he guarantees that as a preservative for exposed surfaces, it is the best wearing, resisting mineral paint manufactured. It is absolutely waterproof and will not peel, blister, crack, or rub off and will withstand the most severe weather which outside paints have to undergo. It is a study to meet the extreme conditions in the warping, expansion and contraction of the open grained wood generally used in barn construction and exposed to the severest sun and weather action.

Harris Barn, Roof and Fence

Paint is of the highest quality composed of the very best materials, absolutely free from injurious ingredients that is possible to procure; and is manufactured and tested under the most trying conditions. The mineral pigments are thoroughly ground and re-ground with the finest linseed and preservative oils obtainable with the most modern up-to-date grinding machinery at our own plant. This places us in a position to save our customers the large profits that your local dealer is obliged to make; he can't understand how it is possible for us to furnish you with our line of Harris Paints at the low price quoted.

Why take chances in buying your paint from a stock that has been on hand for an indefinite period? Any experienced painter will tell you that paint freshly made up (such as ours) is much superior to a paint that has been mixed for some time.

Harris Barn Paint

Represents a brand so radically different from anything ever offered as "Barn Paint," it is in a class by itself, it not only forms a protective coating (not a penetrating stain like most barn paints which leave only the stained original wood surface), but with its rich, non-fading color contains also a powerful wood preservative which kills wood germs and destructive rot producing agents.

The Oil in Harris Barn Paint

Is practically the same as we use in our Harris Ready Mixed House Paint. Our red shade is the result of our absolute control of a natural product of pure iron oxide, the most durable pigment known. The chemical composition and its absolute non-fading properties make it impossible to duplicate with any other coloring agent.

Your Barn, Roof, Fences, in fact any house on your premises in need of paint will be very much improved by using Harris Barn Paint.

A great many manufacturers nowadays take and mix a cheap Venetian Red with nothing but gloss oil as a thinner. This we know is nothing but a cheap imitation of varnish, we will admit this combination will look as good and in some cases better than ours, but its life is short, it will not wear, it will fade and crumble in a very short time.

**OUR PAINT INSURANCE
POLICY COVERS THIS
LINE FULLY**

OUR PAINT CATALOG CONTAINS COLOR CARD SHOWING ACTUAL COLORS

9-P-701. "Harris" Barn, Roof and Fence Mineral Paint in one gallon cans. **79c**
Per can.

9-P-703. "Harris" Barn, Roof and Fence Mineral Paint, in five gallon kits. **74c**
Per gallon.

9-P-705. "Harris" Barn, Roof and Fence Mineral Paint, in 25 gallon, half barrel. **70c**
Per gallon.

9-P-707. "Harris" Barn, Roof and Fence Mineral Paint, in 50 gallon barrel. **64c**
Per gallon.

BE SURE TO STATE NUMBER AND NAME OF COLOR WHEN ORDERING

90c Will Make Your Buggy Look Like New

HARRIS BROTHERS CO.
35th & Iron Streets, Chicago.



\$20.45

Buy the Paint for Two Coat Work on the Outside of this Barn, Size 36 Feet by 48 Feet by 38 Feet 6 inches high.

BODY PAINT, 5-5 Gal. Kits—total 25 gallons, No. 705 Harris Barn Paint. Price, 70c Gal. \$17.50
TRIM PAINT. 3 Gal. of No. 701 Harris Barn Paint. Price, 79c Gal. Price..... 2.37
1 Quart of Shellac to cover any knots. Price..... .68

Total..... **\$20.45**

HARRIS MINERAL ASPHALT PAINT

For Wood, Metal or for Composition Roofing Surfaces.

The only colored paint manufactured with an asphalt body and for this reason is an ideal roofing coating. It is tough and elastic. The colors produce a fine effect and will harmonize with the shades used in your house paint.

The only colored paint on the market that will give perfect satisfaction on felt, rubber and composition roofing.

Harris Mineral Asphalt Paint is entirely different from any other brand that is manufactured. It is made of the best grade of Trinidad Asphalt melted and specially treated and combined with pure kettle boiled Linseed Oil. Can be used to advantage on any kind of surface. It is not affected by contraction, expansion, acids, gases or alkali. When dry it forms a tough, elastic and impervious surface. It has a high gloss and is the most durable and best preservative paint on the market.

71c

We recommend it for wood, metal or composition roofing surfaces.

Covering Capacity: One gallon will cover 200 to 250 square feet of surface; one coat on a fairly smooth surface. Guaranteed not to contain a trace of coal tar.



	50 gal. Bbl. Per Gal.	25 gal. Bbl. Per Gal.	5 gal. Can Per Gal.	1 Gal. Can
9-P-913. Maroon.....	\$0.71	\$0.73	\$0.77	\$0.86
9-P-915. Green.....	.71	.73	.77	.86
9-P-917. Brown.....	.71	.73	.77	.86



Protecto Asphalt Paint

An unequalled preservative paint for roofs and exposed surfaces. After much investigation we are able to offer in our Protecto Asphalt Paint what we believe is undoubtedly the best paint on the market for preserving metal and felt roofs, wire fences, fence posts, tanks, agricultural implements, and in fact all exposed surfaces, from the ravages of rust and decay.

Protecto Asphalt Paint, made of the highest grade of Asphalt, combined by special process with mineral oils. No coal tar, rosin or other cheap materials enter into its composition.

When applied to a metal surface one gallon will cover 300 square feet, or 200 to 250 square feet on rubber or felt roofs one coat, giving a glossy black finish which is not affected by the weather and which will not crack or peel. For use around factories, it is unequalled on smoke stacks, boilers, pipes and machinery. It will not taint the water and can be used for painting the inside and outside of cisterns to prevent seepage.

9-P-919. FURNISHED IN BLACK ONLY.

Per 1 Gallon Can.....	.89	Per 5 Gallon Can.....	\$1.90	Per 1/2 Barrel (25 Gallons).....	\$ 6.40
Per 2 Gallon Can.....	.89	Per 10 Gallon Can.....	\$ 3.30	Per 1 Barrel (50 Gallons).....	12.00

GLUES GLUES GLUES GLUES

9-M-331. **FIRST GRADE FLAKE GLUE.** Suitable for the requirements of the woodworking trade. Can be used on both soft and hard woods. Is especially adapted for furniture, repairing. Can also be used for making printers' rollers, emery wheels, white mouldings or any other purpose where great strength and flexibility are required.

Price per pound.....	190
Price, 100-pound drums, per pound.....	180
Price, 200-pound drums, per pound.....	170

9-P-333. **XX FLAKE CARPENTERS' GLUE.** Specially adapted for cabinet makers, carpenters, chipping glass and general repairing.

Price per pound.....	150
Price, 100-pound drums, per pound.....	140
Price, 200-pound drums, per pound.....	130

9-P-335. **XXX KALSOMINE GLUE.** A thin cut pure sizing glue, used largely by kalsomining, also by cabinet makers for high-grade joining.

Price per pound.....	180
Price, 100-pound drums, per pound.....	170

9-M-337. **SIZING FLAKE GLUE.** The best glue made for veneering, book binding, paper and wood boxes, sizing barrels and pails, composition mouldings, picture frames; can also be used for kalsomining and wall sizing and for any other purpose where the better grade of glue is not required.

Price per pound.....	140
Price, 100-pound drums, per pound.....	120
Price, 200-pound drums, per pound.....	110

9-M-339. **GROUND GLUE.** Same as Sizing Flake Glue except that it is ground and therefore can be prepared much quicker. Requires soaking about 30 minutes.

Price per pound.....	140
Price, 100-pound drums, per pound.....	120
Price, 200-pound drums, per pound.....	110

9-P-341. **FLAKE GELATINE.** Used for high grade joining, repairing leather belts, sizing straw hats and for sizing walls.

Price, per pound.....	260
Price, 100-pound drums, per pound.....	270
Price, 200-pound drums, per pound.....	260

HARRIS LIQUID GLUE



9-P-343. **STRONGEST AND MOST DURABLE GLUE MANUFACTURED.** For home and shop use. **GUARANTEED TO GIVE PERFECT SATISFACTION.** For mending wood, metal, leather, china, glass, crockery, porcelain and all other substances, and is entirely free from fishy or other objectionable odors.

Put up in self-sealing collapsible tubes and improved screw top cans, with large opening, giving the user the benefit of the full contents of the can.

Large tube.....	80	1 pint can.....	170
1/2 gill can.....	90	1 pint can.....	260
		1 quart can.....	500



Our Eclipse Lead is an excellent lead for all around use—especially recommended for priming coats or use with colors. It is absolutely durable, ground in pure oil, fairly white, but is not intended for the highest class of service and for white work—better use our Harris Lead for such uses, as it will give better service and is well worth the slight difference in price we ask. Both are put up in tight, strong, steel packages, which make excellent and indestructible pails, pots and kettles when empty.

100 lb. Kegs.....	per lb. 60c	100 lb. Kegs.....	per lb. 60c
50 lb. ".....	" 70c	50 lb. ".....	" 70c
25 lb. ".....	" 70c	25 lb. ".....	" 70c
12 1/2 lb. ".....	" 80c	12 1/2 lb. ".....	" 80c

Our Harris Lead is non-poisonous and guaranteed to be more durable by far than any pure carbonate of lead manufactured. It is carefully ground and scientifically formulated mixture of lead and zinc ground in pure oil. Instead of using common acid corroded "Dutch Lead," such as is commonly sold and used, and is the cause of all the cases of painters' colic and lead poisoning, we use a fire refined lead which will not poison the user if it happens to get into the pores of the skin. The zinc prevents the lead from chalking and powdering or rubbing off on the clothes, as the years go by, and this Harris Lead is way ahead of ordinary so called "Pure" and "Old Dutch Process" White Leads.

100 lb. Kegs.....	Per lb. 90c	100 lb. Kegs.....	Per lb. 90c
50 lb. ".....	" 90c	50 lb. ".....	" 90c
25 lb. ".....	" 100c	25 lb. ".....	" 100c
12 1/2 lb. ".....	" 100c	12 1/2 lb. ".....	" 100c



HARRIS GRAPHITE ROOF CEMENT

9-P-344. A patented leak stopping cement for tin, paper or shingle roofs, contains pure graphite with its water shedding properties, combined with long fibre of asbestos and a special water proof elastic drying oil which cements over the leak indefinitely.

This roof insurance is well worth having on hand for emergencies and no composition tin roof is properly laid without the laps and joints freely coated with this cement. Comes in semi-paste form.

Price, 2 pound cans, 25c; 5 pound cans.....40c

PORCELAIN ENAMELED GLUE POTS.

★ 9-P-345. The best and most satisfactory glue pot manufactured.	
1/2 pint capacity. Weight 3 pounds.....	400
1 pint capacity. Weight 4 1/2 pounds.....	430
1 quart capacity. Weight 6 pounds.....	500

GLUE BRUSHES. 9-M-347. MADE WITH IRON HANDLE TO PREVENT SHEINING.

Brass ferrules and selected white bristles. WARRANTED TO STAND HOT GLUE.	
Sizes.....	2 1/2 3 4 6
Length Bristles, inches.....	2 1/2 3 4 6
Price Each.....	20c 35c 41c

STRICTLY PURE WHITE LEAD

Ground in pure refined linseed oil. Our guarantee is sufficient to warrant its purity.

Lot No. 9-P-11063.....	10c
100 lb. keg, per pound.....	10c
50 lb. keg, per pound.....	10c
25 lb. keg, per pound.....	11c
12 1/2 lb. keg, per pound.....	11c

HARRIS BROTHERS CO.
512 & 514 N. Dearborn St., Chicago.

Our Special Painters' Outfit Can't be Beat



HARRIS CREOSOTE SHINGLE STAIN

SPECIAL FEATURES

Creosote is acknowledged to be the best wood preserver known at the present time. This Harris Creosote Shingle Stain is scientifically prepared, the colors are extremely durable and penetrating and will positively not fade. We offer the shingle stain as a particularly high grade article. We do not pretend to compete with the cheap mixtures offered by many dealers. We well know that this stain will give our customers the best of satisfaction, hence make more trade from friends and neighbors.

HOW APPLIED

Harris Creosote Shingle Stain can be applied with a brush after the shingles are laid or the shingles can be dipped before laying. When applied with a brush one gallon will cover about 150 square feet of surface, one coat, or 100 square feet, two coats. For dipping it requires from 2½ to 3 gallons to dip 1,000 shingles. The shingle need be dipped only two-thirds of its length. This stain can be used on wood tanks and troughs. It preserves them.

A GOOD INVESTMENT

A shingle roof is expensive and you no doubt realize the importance of using a preservative which will make them water proof and will thereby prevent them from rotting out.

PRICE FOR ANY OF THE SIX COLORS SHOWN IN OUR PAINT CATALOG

9-P-901. Harris Creosote Shingle Stain, 1 gallon can.....	70c	9-P-902. Harris Creosote Shingle Stain, 5 gallon can. Per gallon.....	65c	9-P-904. Harris Creosote Shingle Stain, 25 gal. can; 1 barrel. Per gallon.....	60c	9-P-906. Harris Creosote Shingle Stain, 50 Gallon Barrel. Per gallon.....	55c
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HARRIS WEATHER PROOF CEMENT FLOOR COATING

On ordinary floors it is almost impossible to make them look clean, but with our Harris Cement Floor Coating, they not only make an attractive appearance, but are durable, and it is almost impossible for any dust to lie on the surface. The concrete absorbs moisture so rapidly that it is impractical to clean them by ordinary methods.

Harris Cement Floor Coating makes the surface water-proof and at the same time so binding the particles that the dust making feature is eliminated.

Just what you want for coating on cement, stone, brick, concrete and stucco.

Lot No. 9-P-1211.	1 quart.	Per can.....	\$0.50
Lot No. 9-P-1213.	½ gallon.	Per can.....	.85
Lot No. 9-P-1215.	1 gallon.	Per can.....	1.60
Lot No. 9-P-1217.	5 gallons.	Per kit.....	7.75

For sanitary purposes this coating cannot be excelled. Superior to all others.

We Can Furnish Same in the Following Colors: Cement, Pearl Gray, Slate, Terra Cotta

Harris Flat Wall Paint

This material must not be confused with kalsomine or water paints, as it is strictly an oil paint, drying down to a beautiful soft, non-gloss tone and possessing that tough, elastic finish which prevents plaster or cement from cracking or crumbling, whereas water paints would not. Cheaper than wall paper, more easily applied and more sanitary. Lasts forever, and only needs washing with soap and water to make it like new. Will not rub off on the clothes as kalsomine does. It is prepared in liquid form ready for use, and put on with a brush; dries to a hard surface, which may be washed and is unaffected by steam or heat. Will not spot, turn color or fade. Made in the following nine shades (see house paint color card): Tan, Light Yellow, Pea Green, Grey, Yellow, Pink, Azure Blue, Deep Green, Maroon. Remember that these shades appear on our regular color card, and this Flat Wall Paint shows the same color in every way as the house paint color card shows, except that it will not be glossy, but will be flat and without luster. Applied with a brush, same as house paint. Figure 1-gal. can will do 200 square feet, two coats.

9-P-905-A. 1-Gallon can, each.....	50c
1-Gallon cans.....	1.70
5 and 10-Gallon cans, per gallon.....	1.65

HARRIS WEATHER PROOF CEMENT COATING

When placing before the public our Harris Weather-Proof Cement Coatings, we give them our best efforts of years of experimenting with this peculiar style of paint and have resorted to all means to carefully compound a formula that will withstand all elements. Harris Cement Coating is strictly formulated after exhaustive tests to meet the exact physical and chemical requirements of a masonry surface, providing the most efficient and damp-proofing treatment for exterior masonry surfaces. It penetrates into the pores of the surface and on hardening thoroughly seals them, preventing any possibility of the absorption of water into the treated area. It is thoroughly uniform and equalizes the color and imparts a finish of the most attractive nature. This finish dries to a flat, uniform, stonelike texture without any tendency to impart a painted appearance to the surface. The damp-proofing efficiency of the Harris Cement Coating is not only evident in eliminating the saturated appearance of the treated area after a rain and the tendency of the surface to become stained and unsightly, but by excluding the dampness from the wall, maintains a perfectly dry and sanitary condition on the inside.

We can furnish same in the following colors: Dark Cement, Moss Green, Tan, Brown, Copper Color, Slate.

Lot No. 9-P-1201.	One gallon cans.....	\$1.60
Lot No. 9-P-1203.	Five gallon kits, per gallon.....	1.55
Lot No. 9-P-1205.	Twenty-five gallons or ½ Bbl., per gallon.....	1.50
Lot No. 9-P-1207.	Fifty gallons. 1 Barrel, per gallon.....	1.45
Lot No. 9-P-1197.	1 quart can, each.....	.50
Lot No. 9-P-1199.	½ Gallon can, each.....	.85

Will not wash off, it stands all kinds of weather and clings to the material it is applied on.

The ideal paint for Hotels, Hospitals, School Houses, and every place where cement is used.

HARRIS BROTHERS CO.
85th & Iron Streets, Chicago.

Have You a Copy of Our New Wire and Fencing Catalog?

If not send for One: 141



HARRIS DURABLE FLOOR PAINT

35^c PER QUART TO \$1¹⁰ PER GALLON

HARRIS READY MIXED FLOOR PAINT is a specially prepared paint made to resist the wear and tear of shuffling feet, heel marks or scratches, the severe tests of alkali soap, hot water, washing and scrubbing; it will not only resist this severe action, but must retain the bright, shining surface demanded by the most scrupulous housekeeper. It is the only floor paint to buy if you want the most durable and best all around floor paint ever put on the market.

The superintendent of our PAINT and VARNISH PLANT has studied the requirements demanded on this particular oil and varnish color, and has continually improved upon it by using special high grade ingredients that are known to have the best resisting qualities manufactured, regardless of the price.

This paint dries over night with a high gloss, and will remain dust free, and will be hard enough to walk on in 24 hours. No amount of washing will injure the surface, and will never spot white or discolor. It is equally desirable for old or new floors. We guarantee that should you use our HARRIS READY MIXED FLOOR PAINT you will be highly pleased with the results.

NEW FLOORS WHICH HAVE NOT BEEN PREVIOUSLY PAINTED REQUIRE THREE COATS. Old floors which have been previously painted, require two coats. ONE GALLON WILL COVER FROM 300 TO 350 SQUARE FEET, TWO COATS, AND FROM 200 TO 250 SQUARE FEET, THREE COATS, AND WILL DRY IN 12 HOURS. It is easily applied. Anyone who is capable of handling a brush can make a first-class job. On old floors it is merely necessary to wash the floors thoroughly, removing the dirt, dust and grease and apply the paint 24 hours after washing. The application of our Floor Paint will wonderfully improve the appearance of the room and relieve the housewife from constantly scrubbing the floor. A painted floor is sanitary and is more easily washed up.

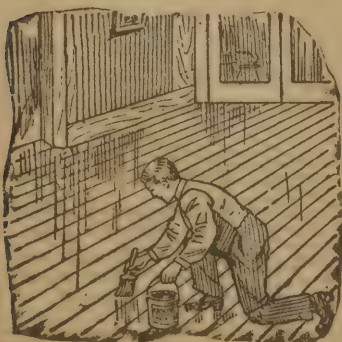
MADE IN THE FOLLOWING COLORS (Order by Color)

Grey, Russet	Yellow, Red,	Lead, Green,	Tan, Maroon.
9-P-809. 5 gallon cans, per gallon \$1.10		½ gallon cans, each..... 66c	
1 gallon cans, each..... \$1.22		½ gallon cans, each..... 35c	



Harris Durable Porch Floor Paint

HARRIS PORCH FLOOR PAINT is especially prepared paint for outdoor porches and stairways, to resist the rain, sun, and, in fact, the most severe weather of any climate. It is the most durable porch floor paint made, and its wearing qualities are superior to all others. This paint has been put to the most trying tests known, merely to satisfy ourselves as to its action. We all know that no other surface receives the wear and tear that porch and stairs do. It is guaranteed to stand more foot wear and general usage than all other porch paints on the market. It is practically made of the same special high grade ingredients used in our HARRIS DURABLE FLOOR PAINT. It is known to have the greatest preserving and resisting qualities for all exposed surfaces. It dries over-night and retains a high luster. Our HARRIS PORCH FLOOR PAINT will wonderfully improve the appearance of your porch and steps. It is easily applied. Don't fail to wash the surface to be painted thoroughly. Remove the dirt, dust and grease. Apply paint about 24 hours after washing. It is made in the same shades as our regular floor paint. **Our Paint Insurance Policy covers this line fully. Read it again.**



MADE IN THE FOLLOWING COLORS (Order by Color)

Grey, Russet,	Yellow, Red,	Lead, Green,	Tan, Maroon.
9-P-810. 5 gallon cans, per gallon... \$1.10		½ gallon cans, each..... 66c	
1 gallon cans, each..... \$1.22		½ gallon cans, each..... 35c	



HARRIS VARNISHES

Realizing the importance of furnishing varnishes that will give perfect satisfaction for the purpose for which they are intended, we offer our line of Harris Varnishes which are manufactured from the finest selected imported gum at the newest, largest and best equipped plant in the United States.

We guarantee our Harris Varnishes to give perfect satisfaction in every particular where directions are followed, or money refunded.

In presenting our line of Harris varnishes we do so with the utmost confidence that they will prove entirely satisfactory. Under the favorable arrangements which we have made in the manufacture of these varnishes, our prices will represent a considerable saving to you. You will please bear in mind that each of the various grades offered are the best of their respective kinds on the market.

Harris Extra Light Hard Oil Finish.

9-P-1001. This is a good, durable varnish. Has a fine gloss and will rub nicely. It is light in color and will dry dust proof in 8 hours. Can be rubbed in 48 hours.

Pint	Quart	1 Gal.	5 Gal.
25c	38c	75c	\$1.19
			\$5.50

Harris No. 1 Hard Oil Finish.

9-I-1003. This Hard Oil is well adapted for any inside work. Dries hard over night with a gloss and is elastic and durable. It is slightly darker in color than our Extra Light Hard Oil.

Pint	Quart	1 Gal.	5 Gal.
19c	32c	65c	95c
			\$3.99

Harris Coach Varnish.

9-P-1005. A fine grade of Interior Finish for use on all kinds of woodwork, furniture or over graining. Works freely and dries hard over night with a high gloss.

Pint	Quart	1 Gal.	5 Gal.
85c	40c	68c	\$1.20
			\$5.50

Harris Extra Coach Varnish.

9-P-1007. Suitable for the best interior work. A varnish of medium color and good body and very durable. Can be rubbed or left in the gloss. Dries dust free in 3 to 4 hours and sufficiently hard for rubbing in about 48 hours.

Pint	Quart	1 Gal.	5 Gal.
28c	48c	85c	\$1.60
			\$7.50

Harris Extra Furniture Varnish.

9-P-1009. A strictly high grade varnish, used largely by manufacturers of high grade furniture. Is very durable and gives a hard and brilliant luster which can be rubbed and polished. Guaranteed suitable for first class furniture finishing.

Pint	Quart	1 Gal.	5 Gal.
33c	42c	75c	\$1.23
			\$6.00

Harris Furniture Varnish.

9-P-1011. This is a very reliable varnish for ordinary finish. Dries rapidly and gives a high luster. Suitable for use in brightening up worn or lusterless furniture. Recommended for general repair work.

Pint	Quart	1 Gal.	5 Gal.
18c	31c	52c	85c
			\$3.75

Harris Wearing Floor Varnish.

9-G-1013. A high grade floor varnish, suitable for use on floors of all kinds. Natural wood or painted. This is an elastic varnish and will not scratch, turn white or show heel marks. It is manufactured specially for floors and contains the best material. It is perfectly transparent and will preserve the natural wood for years. The most economical and durable floor finish made.

Pint	Quart	1 Gal.	5 Gal.
89c	53c	95c	\$1.70
			\$8.00

Harris White Damar Varnish.

9-P-1015. Made from imported Batavia Gum. For finishing over any enameled surfaces, White or Ivory, without producing discoloration. Can also be used with excellent satisfaction on fine wall paper hangings or on delicately tinted painted walls. Is of good body and dries well.

Pint	Quart	1 Gal.	5 Gal.
33c	41c	77c	\$1.33
			\$6.50

HARRIS BROTHERS CO.
35th and Iron Streets, Chicago.

Harris Interior Spar Varnish.

9-P-1017. Adapted for interior finishing of residences. Light in color and made from pure hard gum. Can be left in the gloss or rubbed if desired. Dries hard for rubbing in about 3 days.

Pint	Quart	1 Gal.	5 Gal.
28c	50c	97c	\$1.75
			\$8.25

Harris Outside Spar Varnish.

9-G-1019. For finishing all kinds of exposed surfaces. For exterior use, such as outside doors, windows, gates and in fact any work that is exposed to the weather. It is also suitable for finishing woodwork in bath rooms or any woodwork that may have hard usage or come in contact with water.

Pint	Quart	1 Gal.	5 Gal.
33c	68c	\$1.07	\$1.93
			\$9.15

Harris Church and School Seat Varnish.

9-P-1021. Hard Drying Pale Varnish, specially suitable for use on church and school seats and other surfaces subjected to pressure and moderate heat. It is pale, brilliant, a hard dryer and very durable. Dries dust free in 5 or 6 hours. Hardens in 48 hours.

Pint	Quart	1 Gal.	5 Gal.
30c	64c	98c	\$1.80
			\$9.60

Harris Oil Shellac.

9-G-1023. Used as a first coat or filler for new woods that have not been previously finished. It is clear, has a good body and produces a substantial and safe surface or base coat. It dries to sandpaper from 6 to 8 hours.

Pint	Quart	1 Gal.	5 Gal.
20c	35c	65c	\$1.15
			\$5.25

Premier T. Japan.

9-G-1025. Is a very reliable heavy bodied linseed oil drier. Will mix with any paint formula without any bad results. Is transparent and has a tendency to add durability to paint instead of burning up the durable qualities of the oil. It would be impossible to make a more practical and serviceable japan.

Pint	Quart	1 Gal.	5 Gal.
18c	30c	50c	80c
			\$3.45

Harris Gloss Oil.

9-P-1027. A gloss oil for sizing plastered walls before calclmining.

Quart	1 Gal.	5 Gal.
30c	50c	70c
		\$2.50

Harris One-Coat Coach Varnish.

9-P-1031. An excellent varnish for general repair work on carriages where the surface is dull or lusterless, otherwise in good condition. One coat of this varnish on the entire vehicle will produce a finish practically equal to a new job. It is light in color, elastic, brilliant, and durable. Dries free from dust in about 12 hours and hardens to permit the use of the vehicle in about 3 days.

Pint	Quart	1 Gal.	5 Gal.
38c	70c	\$1.35	\$2.50

Harris Wagon and Implement Varnish.

9-P-1033. For agricultural implements, wagons, etc. A good varnish for general outside work. Has an excellent body, a fine luster and light in color. Wears well and dries in about 10 to 14 hours.

Pint	Quart	1 Gal.	5 Gal.
25c	46c	83c	\$1.45

Harris Coach Japan.

9-G-1037. A light color dryer, possessing superior binding and drying qualities. For colors and rough stuff.

Pint	Quart	1 Gal.	5 Gal.
25c	44c	78c	\$1.35

Harris Denatured Alcohol Shellac.

Made from the finest grades of Guaranteed Pure Gum Shellacs in Denatured Alcohol. Used as first coat on furniture and all interior woodwork, except floors on which varnish is to be applied. Dries hard in about 2 to 4 hours. Will cover from 300 to 400 square feet, one coat. Pure Orange Shellac will give the wood an Oak color. White Shellac is used where no color is desired. Also recommend it for coating knots and sappy spots before painting.

Pint cans—Quart cans—1 Gal. cans—1 Gal. cans			
35c	60c	90c	\$1.75
9-P-1041. Pure White Shellac.			
Pint cans—Quart cans—1 Gal. cans—1 Gal. cans			
40c	65c	95c	\$1.85

Harris Floor Oil.

9-G-1043. Harris floor oil. Prepared especially for floors of residences and stores, small quantity applied with a cloth will bring out the natural color, and make scrubbing unnecessary. Floors oiled with Harris Floor Oil are easily cleaned by washing them with soap and water.

Pint	Quart	1 Gal.	5 Gal.
25c	42c	73c	\$1.25
			\$8.98

Harris Black Covering.

9-G-1047. For Nigrite kinds of castings, smokestacks, fenders, coal hods, iron work of agricultural implements, etc. It produces a jet black brilliant finish and absolutely prevents rust or corrosion. It is heavy in body, and quick drying.

1 Gal.	5 Gal.
30c	45c
	\$1.95

Harris Liquid Wood Filler.

9-P-1049. For filling or first-coating all kinds of close grained natural woods, such as pine, poplar, etc., that have not been previously finished. It thoroughly seals up the wood pores and effectually prevents suction or the absorption of moisture. This material is transparent and does not need to be rubbed off or sandpapered before applying varnish coats. It does not sink away like varnish, but dries on the surface, thus making it equal for work of this nature to 2 coats of varnish. A coat or two of varnish applied on this work produces a really remarkable finish. One gallon will fill the grain on about 500 square feet.

Quart	1 Gal.	5 Gal.
35c	60c	\$1.15
		\$6.50

Harris Paste Wood Filler.

9-P-1051. All hard or open-grained woods such as oak, ash, etc., should be filled in order to obtain a perfect varnish. Our Paste Wood Filler is better than any other as it completely fills the pores, making an impervious surface over which to varnish. Apply with a brush and after allowing 20 to 30 minutes to set, wipe off smooth with a rough piece of burlap, wiping across the grain. Allow at least 24 hours for the filler to dry. Sandpaper the surface smoothly and you are then ready for the varnish.

Ten pounds will fill about 450 square feet. Made in three shades, natural, light oak and dark oak.

1 pound can	5 pound can	25 pound can
10c	40c	\$1.60

Crack and Crevice Filler.

9-G-1053. A superior elastic preparation for filling cracks in floors or woodwork before painting. Will not shrink.

1 pound can	5 pound can
12c	85c

Harris Linoleum and Floor Oil Cloth Finish.

9-M-933. Do not let your floor, oil cloth or linoleum wear out when you can, for a few cents, preserve it and give a most lasting and finer finish than it had when new. Put this material over your linoleum. It gives it a hard, smooth, elastic finish that will bend as the linoleum does and will not crack. It overcomes the uneven wearing quality of linoleum, which has always before been objectionable. It keeps your floor bright and beautiful and largely increases the life of the linoleum or oil cloth. Not affected by hot or cold water. One coat put on at night will be all that is needed—dries to walk on the next morning. One quart will cover about 175 square feet.

Pint can	Quart can	1 Gal. can	1 Gal. can
26c	48c	90c	\$1.75

A Single Trial Will Convince You. 143

PAINTERS' SUPPLIES AT BARGAIN PRICES

For the convenience of our customers in making up a proper selection of paint brushes for barn or house painting, we have made up two outfits consisting of the necessary brushes and material required. These outfits are carefully selected and we advise including one of these outfits with your paint order.



"Popular" Outfit. No. 1.

Brushes included with these outfits are extra good quality and the selection answers all practical requirements for house or barn painting. This outfit consists of one 3 1/2-inch rubber set paint brush. One 3-inch Black Bristle Paint Brush. Two Black China Bristle Sash Brushes. One extra quality Steel Blade Putty Knife, with four pounds of pure putty. One Painter's Time Saver enables one to paint without spoiling decorations; very handy—when washing woodwork, prevents wetting wallpaper.

No. 8-P-1300. Price complete. **\$1.35**



"Complete" Outfit. No. 2.

This assortment includes all brushes required for larger jobs. Each article extra quality and guarantee to give satisfaction.

9-M-1300-B. Outfit Complete consisting of one 3-inch rubber set Black China Bristle Paint Brush. One 4-inch rubber set extra quality Black China Bristle Paint Brush. One Painters' duster.

Two Black China Bristle Sash Brushes.

One 10 pound can pure putty.

One Extra quality steel blade putty knife.

Price of outfit complete. **\$2.98**

RUBBERSET HOME BRUSH

For Varnishing, Enameling, Staining and Painting.

9-P-1301. The most durable brush made for home use. Metal bound, selected Chinese bristles, solidly imbedded in hard vulcanized rubber and will not come out. Guaranteed to stand any amount of rough usage. Width 2 inches. Price..... **35c**



9-G-1303. Fitch Flowing Varnish Brush. Extra quality, single thick, tin ferrule.

Size, inches..... 1 1 1/2 2 2 1/2 3
Price, each..... 13c 24c 32c 40c 48c

9-M-1305. Double Thick Fitch Flowing Varnish Brushes. Superfine, chiseled, tin ferrules. For carriage and other fine varnishing.

Size, inches..... 1 1 1/2 2 2 1/2 3
Price, each..... 25c 30c 40c 48c 58c

9-M-1307. Badger Hair Flowing Varnish Brush. Suitable for fine furniture, picture frames and all kinds of high grade work. Single thick, chiseled point, tin ferrule.

Size, inches..... 1 1 1/2 2 2 1/2 3
Price, each..... 27c 36c 51c 69c 77c



9-M-1309. Rubberset Varnish Brush. Bristles firmly imbedded in hard

vulcanized rubber, bound with nickel plated metal ferrule, selected Chinese bristles, long and full. Adapted for first class work. Bristles will not come out.

Width, inches..... 1 1 1/2 2 2 1/2 3
Price, each..... 15c 25c 30c 41c 59c

9-P-1311. Flat Flowing Varnish Brush. Selected black Chinese bristles. Chiseled tin ferrules.

Size, inches..... 1 1 1/2 2 2 1/2 3
Price, each..... 10c 14c 18c 24c 30c



9-P-1313. Extra Quality Flat Flowing Varnish Brush. Thick, soft, high

grade Chinese bristles. An excellent brush for mechanics' use.

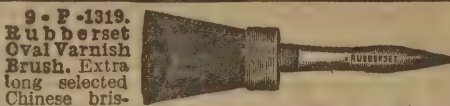
Size, inches..... 1 1 1/2 2 2 1/2 3
Price, each..... 18c 24c 30c 42c 57c

Oval Varnish Brushes. For varnishing floors, woodwork and other surfaces of considerable area. Flat brushes are generally used for buggies, carriages, furniture and other fine work.

9-M-1315.

Oval Varnish Brushes. All pure Chinese bristles, chiseled pointed, full and elastic, nickel plated ferrule and a first class brush which will give excellent satisfaction.

Size..... 1-0 2-0 3-0 4-0 5-0 6-0
Length, inches... 2 1/2 3 3 1/2 3 3/4 3 3/8
Price, each..... 38c 46c 54c 66c 76c 91c



9-P-1319. Rubberset Oval Varnish Brush. Extra long selected Chinese bristles, firmly imbedded in hard vulcanized rubber. Will not come out. Bound with seamless nickel plated ferrule. Can be used for painting as well as varnishing. Especially adapted for mechanics' use.

Size..... 7-0 8-0 10-0
Diameter, ferrule inches..... 2 1/2 2 1/2 2 1/2
Length, bristles inches..... 4 1/2 4 1/2 4 1/2
Price, each..... \$1.44 \$1.59 \$2.13

SASH TOOLS.

Used for Painting Sash, Mouldings, and for work in corners or close places where a small brush is required.

9-G-1325. Selected Black Chinese Bristles, oval chisel point. Very elastic and a good

working tool.
Size, inches..... 1 2 4 6 8 10 12
Width, inches..... 1 1 1/2 1 1/2 1 1/2 1 1/2 1 1/2
Length, inches..... 1 1 1/2 1 1/2 1 1/2 1 1/2 1 1/2
Price, each..... 6c 8c 10c 14c 16c 18c

HARRIS SPECIAL BRUSH



9-M-1339. A Brush that is always sold for considerably more, and is very good value at that price. All pure black Chinese bristles, nickel plated ferrule, yellow varnished handle. Full, firm and elastic. Strong enough to carry lead color. Suitable for the painter and others who have need of a high grade brush. Each brush is packed in an individual box. Width 4 inches. Length of bristles 4 1/2 inches. Price..... **97c**

Paper Hangers' Outfit \$2.95

A Bargain

No. 8-P-1400



Just the Thing for the Handy Man

A sensible and practical outfit suitable for any paper hanger, or for use by the handy man about the home. Articles are chosen with care and attention. All pieces unusually well made. Include this outfit with your order.

- 1 Seam Roller
- 1 Smoothing Roller
- 1 Base Trimmer Wall Knife
- 1 10-inch Paper Hanger Shears.
- 1 Square Joint Knife
- 1 Wall Scraper Knife
- 1 Strong Folding Trestle
- 1 10-inch Bristle Smooth Brush

HARRIS BROTHERS CO.
35th & Iron Streets, Chicago.

\$31.75 *Our Great* CHALLENGE BATHROOM COMBINATION

**We Challenge the World to
Furnish a Better Outfit
at the Price.**

Our "Challenge" Bathroom Outfit is properly named. We challenge anybody to furnish as good an outfit at the same price. We do not claim that our **Challenge Outfit** is the equal of the higher priced outfits we sell, but we do claim that **no better outfit for the money can possibly be secured anywhere else.** We stake our reputation as "Price Wreckers" and "Price Smashers" on this outfit.

Our Binding Guarantee backed by our entire resources and our high standing in the business world, goes with each and every "Challenge" Bathroom Outfit sold. We positively guarantee that you will be satisfied with this outfit and if when you get it, you feel that it is not a great bargain and as represented by us, we will refund the purchase price and assume return freight charges. **Our Challenge Bathroom Outfit** is the biggest of the many big bargains we have sold, and customers everywhere are enthusiastic with their purchase.

Nothing shoddy or second hand about this outfit. Each fixture is brand new and the nickel plated faucets and trimmings are the same as furnished on some of our higher priced outfits. A moderate priced, good, serviceable outfit, good enough for anybody.

One customer in Oskaloos, Iowa, writes:

"Your Challenge Outfit is the biggest bargain I ever bought. We will send for three more complete outfits next week."

Another in Birmingham, Alabama, writes:

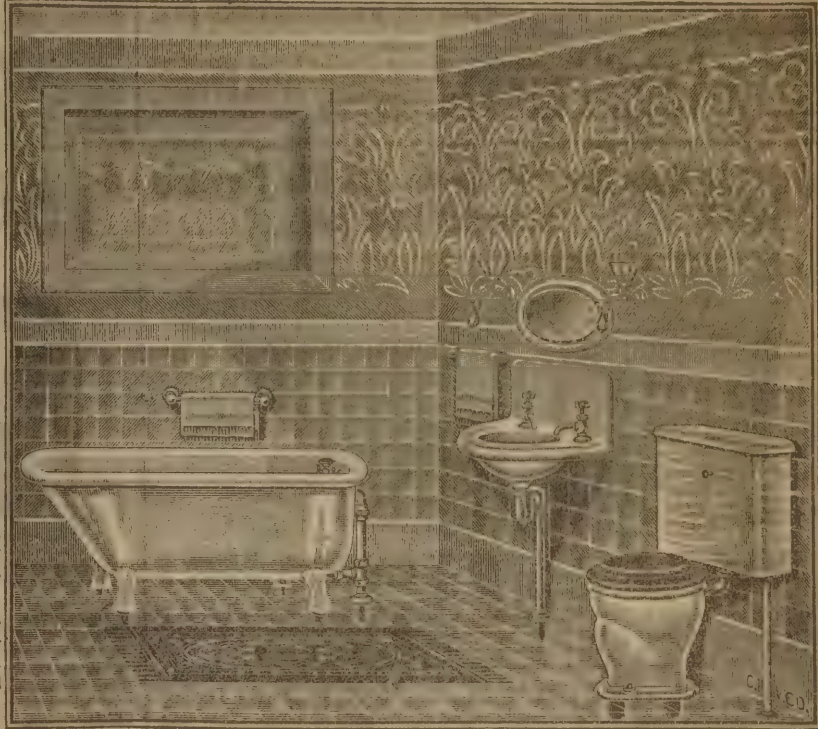
"My neighbors would not believe me when I told them what I paid for my outfit. I showed them your catalog and I know of six outfits which will be ordered from you on the strength of mine."

We Have Hundreds of Letters Like This that Show You Will Make No Mistake Ordering this Outfit

This Closet is an exceptionally fine example of good plumbing. It makes a splendid appearance and gives the most satisfactory service. It is so simple in operation that it practically never gets out of order.

The Bath Tub is made of cast iron, with porcelain lining on the inside and over the roll rim. Roll rim is three inches wide and gracefully curved like on our higher priced outfits. **Tub is brand new and guaranteed to reach you without defects or damages.** With the tub, we furnish nickel plated No. 4½ Fuller Double Bath Cock of standard weight and pattern such as usually retailed by your local Plumber at from \$2.00 to \$3.00. Faucet has iron pipe tail pieces so that the wiping of joints is done away with, and faucets can be attached direct to ½-inch iron pipe. We also equip the tub with nickel plated Connected Waste and Overflow and provide iron pipe connections for the outlet end, making it possible for customers to easily install this tub without the aid of a high-priced Plumber.

The Lavatory in this outfit, is cast in one piece, heavily coated with porcelain enamel. Easily and securely attached to wall with concealed wall hangers, doing away with unsightly brackets. The nickel plated fittings furnished with lavatory are equal to those furnished with our higher priced outfits and consist of Ball Handle Compression Faucets with China Hot and Cold Index and Nickel Plated Trap to Floor.



The Closet Outfit is of up-to-date, low down pattern. Tank is of Golden Oak finish and has copper lining, submerged noiseless ball cock and latest Douglas pattern rubber ball flush valve. **Closet bowl** is exactly the same as is furnished with our higher priced outfits. It is made of Vitreous China, highly glazed, Syphon Washdown pattern. Will automatically refill and provide a deep water seal as a protection against sewer gas. Tank is connected to bowl with 2-inch nickel plated slip joint elbow. Supply pipe from floor to tank and nickel plated screws to attach bowl to floor, also included.

This Outfit is Simply a World Beater Nothing like it can possibly be secured elsewhere. We have cut the price to the very limit to sustain our reputation as Price Wreckers and we challenge anybody to match us on this outfit. With our positive guarantee of satisfaction or money refunded, you take no chances whatever in ordering this outfit. We furnish it with bath tubs 4½ feet, 5 feet and 5½ feet long. Be careful to use the correct order number for these different lengths of tubs.

Price Includes all Fittings as Shown in Above Illustration

5-P-15. Our Challenge Bathroom Outfit, complete, as described with 4½ foot tub. **\$31.75**
5-P-17. Our Challenge Bathroom Outfit, complete as described with 5 foot tub. **\$33.25**
5-P-19. Our Challenge Bathroom Outfit, complete as described with 5½ foot tub. **\$37.50**
NOTE—Our Challenge Bathroom Outfit is provided with iron pipe connections so that you can install it yourself without difficulty.

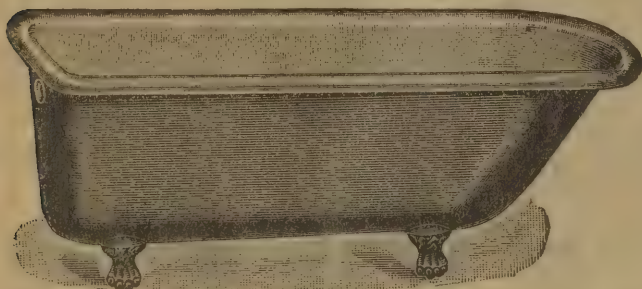
We will furnish nickel plated trap to wall without extra charge when so specified. Be sure to mention this if desired when ordering.

BATH TUBS

"Best Quality" Every cast iron tub offered on this and the following page is brand new, absolutely "A" grade, which means perfect in every detail. They are all heavily coated with the finest white porcelain enamel, thoroughly baked on by a secret process. They are guaranteed against flaws, chips or defects of any nature. If you would pay the ordinary retail price, which is double ours, you will get no better quality than what we offer you here.

"Latest Design" We particularly call your attention to the graceful, yet massive design of our entire line of cast iron, white porcelain enameled tubs shown on this and the next page. These tubs are our exclusive pattern, designed especially for us, and the tubs are furnished complete with handsome ornamental cast iron feet.

\$13³⁰ Buys this "A" Grade Roll Rim Porcelain Enameled Bath Tub



"Material" The above tub is strictly "A" grade, and perfect. It is made of the very best grade of gray cast iron, has a heavy coating of white porcelain enamel, which is thoroughly baked on.

"Guarantee" This tub is guaranteed strictly "A" grade, which means it is perfect in every detail, absolutely free from flaws and defects of any kind or character. If you do not find the tub entirely satisfactory, and exactly as represented you have the privilege of returning it, and we will refund the purchase price and freight charges both ways.

"Dimensions" The tub is 30 inches wide, with a heavy 3-inch roll rim, height on legs 23 inches; depth inside 17 inches. Tubs come in lengths from 4 to 6 feet, as quoted below.

"Price Is for Tub Only" The price is for the tub only, without any fittings or connections, exactly as shown in the illustration. However, we include with each tub a complete set of ornamental feet. This tub is shipped from our factory in Southern Wisconsin.

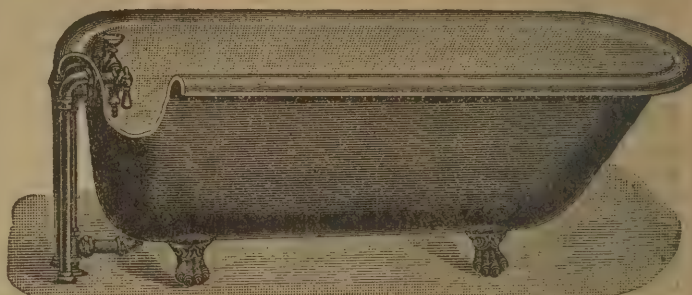
Order No.	6-P-101	5-P-103	5-P-105	5-P-107	5-P-109
Lengths.....	4 ft.	4½ ft.	5 ft.	5½ ft.	6 ft.
Weight, lbs.....	200	250	300	350	400
Price.....	\$13.30	\$13.50	\$13.55	\$15.90	\$18.00

★Extra for 4½ Fuller Double Bath Cock, \$2.25 ★Connecting waste and overflow, \$2.00

"Reduced Prices!" We offer you lower prices than ever quoted before on strictly "A" grade tubs. Our enormous trade enables us to take almost the entire output of one of the leading tub manufacturers. Hence we can save you from 30 to 50 per cent over the prices asked by your local dealer. Furthermore, you can depend that every tub is perfect, and exactly as represented.

"Fittings" All our fittings are the most modern, "up-to-date" type; and no better or higher grade can be purchased elsewhere. Please note that our prices on the various tubs include both the tub and the fittings, as shown in the illustrations. This will assist you in ordering, and avoid any mistakes, for you will get the tub and the fittings exactly as illustrated. It makes it easy for you to order direct from this catalog.

\$19⁸⁰ FOR THIS HIGH GRADE PORCELAIN BATH TUB Complete With All Fittings Above Floor



Quality. These tubs are brand new and strictly "A" grade. Every tub guaranteed free from all blemishes or defects of any character. At our prices they are positively bargains.

Dimensions. Height on legs, 23 inches; depth inside, 17 inches; width over all, 30 inches, with a graceful 3-inch roll rim. They come in lengths from 4 to 6 feet inclusive. These tubs are shipped direct to you from our factory in South Wisconsin.

Fittings. Tub is complete with all fittings as shown in illustration, consisting of one nickel-plated No. 4½ Fuller pattern combination Bath Faucet, with jewel cup, indexed for "Hot" and "Cold" water and a special shampoo connection. Has a high grade nickel-plated connected waste and overflow with nickel-plated chain and rubber stopper. Has nickel-plated off-set ½ inch supply pipes with nickel-plated floor flanges. Please bear in mind that this Tub comes with all necessary nickel-plated trimmings above the floor.

PRICE OF BATH TUB COMPLETE WITH CONNECTIONS FOR LEAD PIPE.					
Order No.	5-P-201	5-P-203	5-P-205	5-P-207	5-P-209
Length.....	4 ft.	4½ ft.	5 ft.	5½ ft.	6 ft.
Appr. Wt.	200 lbs.	250 lbs.	300 lbs.	350 lbs.	400 lbs.
Price.....	\$19.80	\$19.95	\$20.00	\$22.60	\$24.80

Note:—Be sure to add \$1.00 to above prices, if iron pipe thread connections are desired.

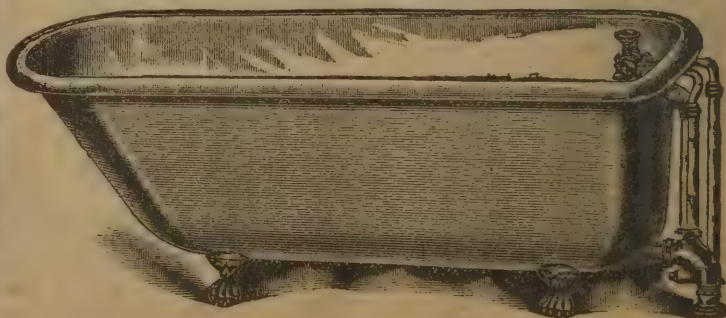
EXTRA HIGH GRADE WHITE PORCELAIN BATH TUB \$24.15
WITH NICKEL-PLATED BATH TRAP OVERFLOW AND WASTE COMBINATION

You will note from illustration the special feature of this Tub is the heavily nickel plated bath trap connected above floor directly to nickel plated waste and overflow pipes from Tub.

Dimensions The Tubs are full 30 inches in width, with a massive 3 inch roll rim. Height of Tub on legs 23 inches. Depth inside 17 inches.

Fittings Each Tub is furnished complete as illustrated. Fittings consist of one nickel plated No. 4½ Fuller pattern combination bath faucet, with jewel cup, indexed for "Hot" and "Cold" water and special shampoo connection. Nickel-plated connected waste and overflow with patent trap above floor, especially designed for high grade Outlets. The trap on this connected waste and overflow is made of heavy cast brass, with clean-out plug and is heavily nickel-plated all over. The Tub has two nickel-plated ½ inch off-set supply pipes with nickel-plated floor flange. Has nickel-plated chain and rubber stopper. You will note the above Tub is complete with all trimmings necessary above the floor. These Tubs are shipped direct from our factory in Southern Wisconsin.

PRICE OF BATH TUB COMPLETE WITH CONNECTIONS FOR LEAD PIPE.				
Order No.	5-P-221	5-P-223	5-P-225	5-P-227
Length.....	4½ ft.	5 ft.	5½ ft.	6 ft.
Appr. Wt.	250 lbs.	300 lbs.	350 lbs.	400 lbs.
Price.....	\$24.15	\$24.35	\$26.80	\$29.25



Be sure to add \$1.00 if you desire iron pipe connections.

ENAMELED IRON ONE PIECE LAVATORIES

Guaranteed Strictly "A" Grade - At Reduced prices

ENAMELED HALF CIRCLE LAVATORY \$7.80 COMPLETE "A" GRADE

This Lavatory can be furnished with trap and supply pipes to floor instead of to wall without extra charge.

Design. Lavatory is all cast in one piece and is of the finest grade of gray enamel. It is heavily coated with pure white Porcelain Enamel.

Dimensions. Size of slab 16 x 19 inches. Height of back 6 inches. Size of bowl 10 x 14 inches.

Fitted Complete with two nickel-plated compression faucets. Has one 1 1/2 inch nickel-plated "P" trap with outlet to wall and two nickel-plated 3/4 inch supply pipes to wall, with nickel-plated wall flanges. Has nickel-plated chain and rubber stopper. Has a depressed soap cup and recessed over-flow. Lavatory is attached to wall by concealed wall hanger. (See following page for description of wall hangers.) Shipping weight about 70 lbs.

5-P-401. Lavatory complete, with all fittings above floor as described above, fitted with lead pipe connections. Price..... **\$7.80**
5-P-403. Lavatory, same as above, except fitted with iron pipe connections. Price.. **\$8.60**



SERPENTINE HALF CIRCLE LAVATORY \$8.10 COMPLETE "A" GRADE

This is a larger Lavatory than our 5-C-401. Is cast in one piece from the finest grade of gray cast iron. Heavily coated with pure white Porcelain Enamel. A decided bargain at our price.

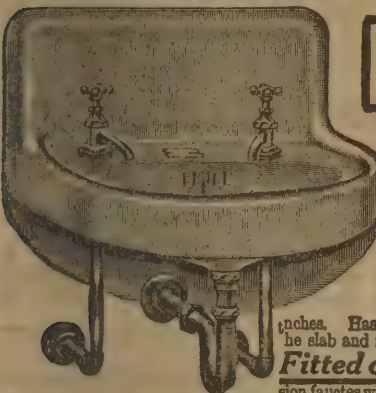
DIMENSIONS: Size of slab is 18x21 inches. Back, 8 inches. It has a "D" pattern bowl, 10x14 ins.

FITTED COMPLETE with two nickel plated compression faucets. Has one 1 1/2-inch nickel plated 3/4-inch supply pipes to wall, with nickel plated wall flanges. Has nickel plated chain and rubber stopper. Has a nickel plated soap cup and recessed overflow. Lavatory is attached to wall by concealed wall hanger. Weight; about 85 lbs.

5-H-480. Lavatory complete, with all fittings above the floor, fitted with lead pipe connections. Price..... **\$8.10**
5-H-482. Lavatory, same as above, except fitted with iron pipe connections. Price.. **\$8.85**



ENAMELED IRON DEEP APRON LAVATORY



\$9.55 Complete "A" Grade

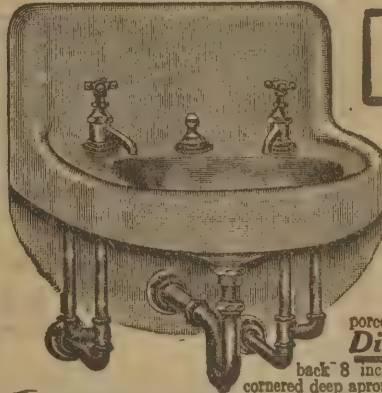
This handsome Lavatory is an ornament to any bath-room. It is strictly up-to-date, being cast in the piece, of the finest grade of gray cast iron, heavily coated with pure white enamel. Guaranteed "A" Grade and perfect.

Dimensions It has half circle slab with a round corner deep apron. Size of slab 18x21 inches. Height of back 8 inches, with a "D" pattern bowl 10x14 inches. Has a depressed soap cup in the surface of the slab and recessed over-flow cast in the bowl.

Fitted complete with two nickel-plated semi low-down compression faucets with china tops marked "Hot" and "Cold."

Has one 1 1/2 inch nickel-plated "P" trap with outlet to wall, with nickel-plated wall flange. Has two 3/4 inch nickel-plated supply pipes to wall with nickel-plated wall flanges. Has nickel-plated chain and rubber stopper. Attached to wall by means of concealed wall hanger. (See following page for description of wall hangers. Shipping weight about 90 lbs.
5-C-411. Porcelain Enameled Lavatory complete, with all fittings above the floor as described above, fitted with lead pipe connections. Price..... **\$9.55**
5-C-415. Lavatory complete, same as above, fitted with iron pipe connections. **\$10.30**

ENAMELED IRON DEEP APRON LAVATORY



\$12.20 Complete "A" Grade

This Lavatory is the latest improvement, being fitted with Ideal Roman Waste, which does away with the nickel-plated chain and rubber stopper. By lifting the top of the Ideal Roman waste you rapidly empty the bowl. It is absolutely sanitary.

Design This Lavatory is cast all in one piece from the best grade of gray cast iron. It is heavily coated with pure white porcelain enamel.

Dimensions Size of slab 18x21 inches. Bowl 10x14 inches. Has round back 8 inches. Has two nickel-plated compression faucets with china tops, indexed "Hot" and "Cold." Has two 3/4 inch nickel-plated supply pipes to wall, with off-set nickel-plated air chambers. Has nickel-plated Ideal Roman Waste with china top, marked Waste. Has one 1 1/2 inch nickel-plated "P" trap to wall with nickel-plated flanges. Attached to wall by means of concealed wall hangers.

5-L-421. Porcelain Enameled Lavatory complete, with all fittings above the floor, as described above, fitted for lead pipe connections. **\$12.20**
5-M-423. Lavatory complete, same as above, fitted with iron pipe connections.... **\$13.00**

PEDESTAL APRON PORCELAIN LAVATORY WITH BACK

\$23.50

This beautiful pedestal apron lavatory is a work of art extra care having been taken in the designing of same, making it absolutely sanitary. It is finished in the highest grade of white porcelain and warranted not to break, crack or chip. Price quoted below is complete, including lavatory, nickel plated model waste with indexed compression faucets marked "Hot" and "Cold." Offset air chamber, supply pipes and 1 1/2-inch anti-siphon trap, including everything necessary ready to connect. The slab is 18x24 inches, height of back 12 inches and bowl 11x15 inches.

Lot 5-P-3115. Complete as shown above, fitted with lead pipe connections..... **\$23.50**
Lot 5-P-3117. Lavatory complete as shown above, except fitted with iron pipe connections..... **\$25.50**

HARRIS BROTHERS CO.
 25th & Iron Streets, Chicago



ENAMELED IRON DEEP APRON LAVATORY

\$14.00 COMPLETE "A" GRADE ONE PIECE

Nothing finer ever produced in a wall Lavatory, complete in every detail, with the special feature of the Ideal Roman waste, doing away with nickel-plated chain and rubber stopper, leaving a free open bowl.

Design. The Lavatory is cast in one piece, has a round corner deep apron. Heavily coated with pure white porcelain enamel. Has concealed wall hangers, doing away with unsightly brackets.

Dimensions. Size of slab 18 x 24 inches, height of back 10 inches. Size of bowl 11x15 inches.

Fitted Complete. Has two nickel-plated semi low-down compression faucets with china tops, marked "Hot" and "Cold." Has two 3/4 inch nickel-plated supply pipes to wall with nickel-plated off-set air chambers. Has 1 1/2 inch nickel-plated "P" trap to wall with nickel-plated wall flange. Shipping weight about 120 lbs.
5-L-441. Porcelain Enameled Lavatory, with all fittings to floor, as described above, complete with lead pipe connections. **\$14.00**
5-L-443. Lavatory complete, same as above, fitted with iron pipe connections.... **\$15.00**



ONE PIECE ROLL RIM SINKS

CAST IRON PORCELAIN ENAMELED
Most Up-to-Date, Sanitary and Durable Sinks Manufactured

These One-Piece Roll Rim Porcelain Enameled Sinks represent the latest and most sanitary design of sink produced. Sink and back being cast in one piece, there are no crevices or joints to catch dirt and produce unsanitary and unclean conditions. Are attached to wall by means of strong concealed hangers. There are no unsightly brackets, and at the same time, every nook and corner under the sink can easily be reached and kept clean without difficulty. The heavy enameled roll rim gives the sink an artistic and finished appearance, does away with wooden framework, and meets fully the present day demand for sanitary, open-work plumbing installation.

Sinks Furnished Complete. The prices listed below include all fittings necessary for their installation, viz.: nickel plated strainer, sink collar, 1/2-inch faucets, 1 1/2 inch lead trap and concealed wall hangers. Please bear this in mind in comparing our prices with those of other houses.

Important - Read Carefully

Faucets. While these sinks are illustrated equipped with Fuller faucets, we recommend compression faucets on account of providing a freer flow of water, as well as their greater durability under

high water pressure, as well as doing away with pipe pounding so ruinous to Fuller faucets where no air-chambers are provided in the piping. Unless Fuller faucets are preferred, we will always send compression faucets with these sink outfits.

Trap. We will send you 1 1/2 lead P trap to wall, as shown in illustrations, unless you specify in your order that you want S trap to floor. There is no difference made in price of sink outfit for either form of trap but you can avoid delay incident to exchange by being careful to specify in your order kind of trap desired.

Iron Pipe Connections. If you intend to install sink yourself, be sure to specify iron pipe connections. We furnish you flanged faucets with female thread to screw to supply pipes, and trap is furnished especially fitted with nipple on inlet end, and brass coupling at outlet end, together with sink collar threaded for 1 1/2 pipe. Simplest thing in the world to attach trap. The nipple is simply screwed into the collar, and the coupling is then in place for attachment to waste pipe. We make a nominal charge of only 50 cents for providing these iron pipe connections.



\$8¹⁰ One Piece Roll Rim Porcelain Enameled Sink

How Made. Only the best quality of gray cast iron is used in the manufacture of this Sink. It is cast all in one piece and heavily coated on the inside and over rim and back with pure white porcelain enamel, baked on to the highest degree of hardness possible to obtain, giving it a highly polished finish, very attractive and neat.

Fitted Complete. We furnish this Sink equipped complete as shown in illustration with all fittings above the floor. This is important in comparing our prices with others. The trimmings consist of two nickel-plated 1/2-inch flange plain faucets. Has nickel-plated Sink Strainer with one 1 1/2-inch lead "P" trap with outlet to wall. It is attached to wall by means of our concealed wall hanger, easy and simple to erect, which does away with unsightly and unsanitary brackets, as used on old style Sinks.

5-P-1631. Complete, 18 x 24 inch Sink. \$8.10
 5-P-1631 1/2. Complete, 20 x 24 inch Sink. 10.25
 5-P-1635. Complete, 18 x 30 inch Sink. 11.70

5-P-1639. Complete, 20 x 30 inch Sink. \$10.75
 5-P-1643. Complete, 20 x 36 inch Sink. 11.00

Important. If you intend to install sink yourself, be sure to specify for iron pipe connection and add 50 cents to above prices.

NOTE: Can be furnished with two aluminum bronzed adjustable legs at \$1.00 additional



\$11⁵⁰ One Piece Roll Rim Porcelain Enameled Sink

Furnished Complete with Enameled Drainboard

Same as above, with addition of cast iron porcelain enameled, Reversible Drainboard and Bracket.

5-P-1675. Outfit Complete, 18x24 Sink, with 18x18 Drainboard. \$11.50
 5-P-1677. Outfit Complete, 18x30 Sink, with 18x24 Drainboard, \$12.25
 5-P-1678. Outfit Complete, 20x24 Sink, with 20x24 Drainboard, 13.00
 5-P-1679. Outfit Complete, 20x30 Sink, with 20x24 Drainboard, 13.25
 5-P-1681. Outfit Complete, 20x36 Sink, with 20x24 Drainboard, 14.25

Important. At above prices, sink is fitted for lead pipe connection. If you intend to install sink yourself, be sure to specify Iron Pipe Connection and add 50 cents to price.

Furnished Complete

All One Piece Sinks can be Furnished with Adjustable Legs at \$1.00 Addition

Sink, Back and Drain Board In One Piece

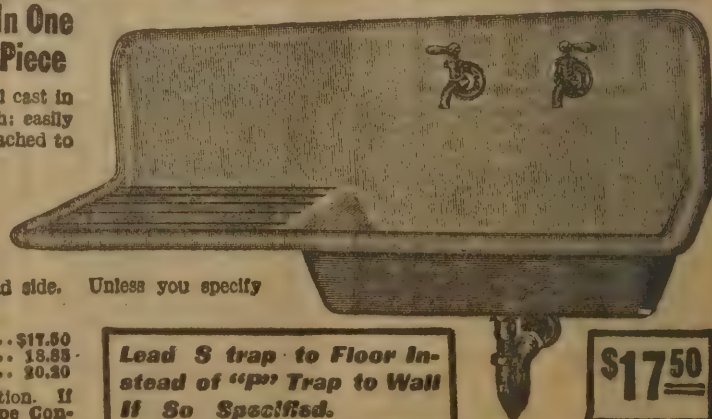
The very latest design of Combination Sink, Back and Drainboard, all cast in one piece. Wide, handsome roll rim; beautiful ivory white, glossy finish; easily kept clean; no crevices or corners to catch grease and dirt, and easily attached to wall by means of strong, concealed wall hangers.

Fitted Complete Prices given below include faucets, trap, strainer, collar, concealed wall hangers, etc. Can be equipped with two aluminum bronzed, adjustable legs at additional charge of only \$1.00.

NOTE—Can be furnished with Drainboard on either left or right hand side. Unless you specify otherwise, we will always send left hand as shown in illustration.

5-P-1791. Sink Complete, entire length, 44 inches. Price..... \$17.50
 5-P-1793. Sink Complete, entire length, 48 inches. Price..... 18.55
 5-P-1795. Sink Complete, entire length, 52 inches. Price..... 20.30

Important The above prices are for Sink fitted for lead pipe connection. If you intend to install yourself, be sure to specify Iron Pipe Connection and add 50 cents to price.



Lead S trap to Floor Instead of "P" Trap to Wall If So Specified.

\$17⁵⁰

\$13⁸⁰ WASH DOWN CLOSET OUTFIT

Strictly "A" Grade Perfect Outfit

Design The latest and most up-to-date Wash-down Closet Outfit ever offered at the low price of \$11.95. Would cost at any retail establishment \$20.00 or more. Bear in mind we offer this Outfit only in "A" grade perfect goods. We absolutely guarantee this Outfit strictly up-to-date throughout. Bear in mind our guarantee is binding and backed by a capital surplus of over one million dollars. You need not hesitate to order, with this liberal guarantee protecting you.

Closet Bowl A handsome and graceful design white vitreous china Closet Bowl of the wash-down pattern is sent with this Outfit. Made by one of America's leading Pottery manufacturers. Only the best material is used in its construction. Has a highly glazed surface inside and out, making it perfectly sanitary and easy to keep clean. Absolutely the best quality and easy to keep clean.

Closet Tank furnished with this Outfit is Golden Oak highly polished tank, lined with heavy copper from the bottom of the Tank to the height in which the water stands. From this part to the top of the Tank is placed a heavy galvanized iron strip, which prevents moisture from seeping through the wood, often the case with the majority of the cheaper grade of Closet Tanks on the market to-day. This Tank is fitted with a rubber ball valve, which is one of the simplest and best valves on the market. Tank is operated by a push button placed in front of the Tank. A slight touch of this button raises the rubber valve, releases the water, which gives a strong flush into closet bowl, keeping bowl in a sanitary condition.

Seat and Cover This Outfit is equipped with a well seasoned Golden Oak highly finished Seat and Cover, with nickel-plated off-set hinges made of heavy brass, so strong that they will last a lifetime. Rubber bumpers are placed on the seat where necessary.

Trimnings The Tank is connected to the bowl with a heavy nickel-plated brass elbow. The Tank has a 1/2 inch nickel-plated supply pipe to the floor with nickel-plated floor flange. The Bowl has nickel-plated flange floor screws. All of this equipment makes the Tank complete with all trimmings necessary above the floor. Concealed Wall Hanger is furnished with this Outfit, so as to easily attach this Tank to wall. Shipping weight is about 100 lbs.

Our Price We quote this Outfit fitted with the supply pipe for iron pipe connections, also for lead pipe connections. If you intend to install this Closet Outfit yourself, by all means order it fitted for iron pipe connections. This is important, and please bear this suggestion in mind when ordering.

5-P-801. Wash-down Closet Outfit complete, with all fittings above the floor, as described above, supply pipe fitted for lead pipe connections.

\$13.80

5-P-802. Wash-Down Closet Outfit Complete, same as above, but with beautifully polished Birch Mahogany Tank and Seat, lead pipe connections . . .

\$14.25

5-P-803. Wash-down Closet Outfit complete, with all fittings above the floor, as described above, supply pipe fitted with iron pipe connections.

\$13.20

5-P-804. Wash-Down Closet Outfit Complete, same as above, but with beautifully polished Birch Mahogany Tank and Seat, iron pipe connections . . .

\$14.20

\$15⁷⁵ SYPHON JET CLOSET OUTFIT

Highest Grade Produced This Low-Down Syphon Jet Closet Outfit is the best that money or brains and skill can produce. No other concern on earth offers such a value in a Closet Outfit as this splendid proposition which we present to you. Furthermore we guarantee every item to be strictly "A" grade, perfect, the same as found in the best of establishments. Entirely satisfactory to you or your money refunded with any freight charges you may have paid out. No more liberal offer could possibly be made, so don't hesitate to send us your order, with the binding guarantee protecting you to the limit.

This is a triumph of the skill of our expert buyers, searching the market high and low for only the best, controlling the price by the enormous quantity we sell. A comparison in prices that others ask for a similar Outfit, but of no such quality, you will find that we make you a saving of at least \$10.00. Better yet, you get strictly "A" grade, perfect goods, with no chance of you being disappointed.

We cannot recommend this Outfit too highly, as it must be seen to be appreciated.

Closet Bowl furnished with this Outfit is of the latest pattern Syphon Jet action. This Closet Bowl is made of the finest grade of vitreous earthenware in one of America's celebrated Potteries. Is highly glazed inside and out, giving it a beautiful finish, very sanitary and easy to keep clean. Handsome and graceful in design.

Closet Tank By far the finest wood Tank ever offered, and will meet with the approval of the most scrutinizing buyer. Made of well seasoned Oak with a high polished piano finish. Lined with heavy sheet copper from the bottom to the height in which the water stands. From this part to the top, Tank is lined with heavy galvanized iron, which prevents the moisture from eating through the wood, which is often the case with the majority of the cheaper grade Closets on the market to-day. Tank has the latest design rubber ball valve, guaranteed to be the simplest and best valve on the market, and equipped with a push button conveniently located, a slight touch of which raises the ball valve, which releases the water and gives a strong, positive flush of the Closet Bowl. In connection with our Syphon action, no more perfect operation could be devised.

The Tank is attached to wall by means of our Concealed Wall Hangers, very simple in design, making it easy to place Tank in the proper position.

Seat and Cover This Tank is equipped with a Golden Oak highly finished Seat and Cover, a very neat and attractive design. Attached to Bowl with nickel-plated off-set hinges. Has rubber bumpers where necessary. Seat is made exceptionally strong.

Trimnings All the trimmings furnished with this Outfit are heavily nickel-plated, of the very latest design. Tank has 1/2 inch nickel-plated supply pipe with nickel-plated floor flanges. Tank is attached to bowl with a 2 inch off-set nickel-plated elbow with slip joint connections. The Bowl has nickel-plated floor screws. All of these trimmings make the Outfit complete above the floor. Shipping weight about 115 lbs.

5-P-811. Low-Down Syphon Jet Closet Outfit Complete, with all fittings above the floor, as described above, supply pipe fitted with lead pipe connections.

\$15.75

5-P-813. Our Closet Outfit complete, with all fittings above the floor, as described above, supply pipe fitted with iron pipe connections.

\$16.50

5-P-812. Low-Down Syphon Jet Closet Outfit Complete, same as above but with beautifully polished Birch Mahogany Tank and Seat, lead pipe connections

\$17.25

5-P-814. Closet Outfit Complete, same as above, but with beautifully furnished Birch Mahogany Tank and Seat, iron pipe connections.

\$17.50

NOTE—BE SURE TO ORDER the above Closet Outfit fitted with iron pipe connections if you intend to install it yourself. This is important

HARRIS BROTHERS CO.
35th & Iron Streets, Chicago.

We Buy Closet Outfits by the Carload—therefore our Low Prices

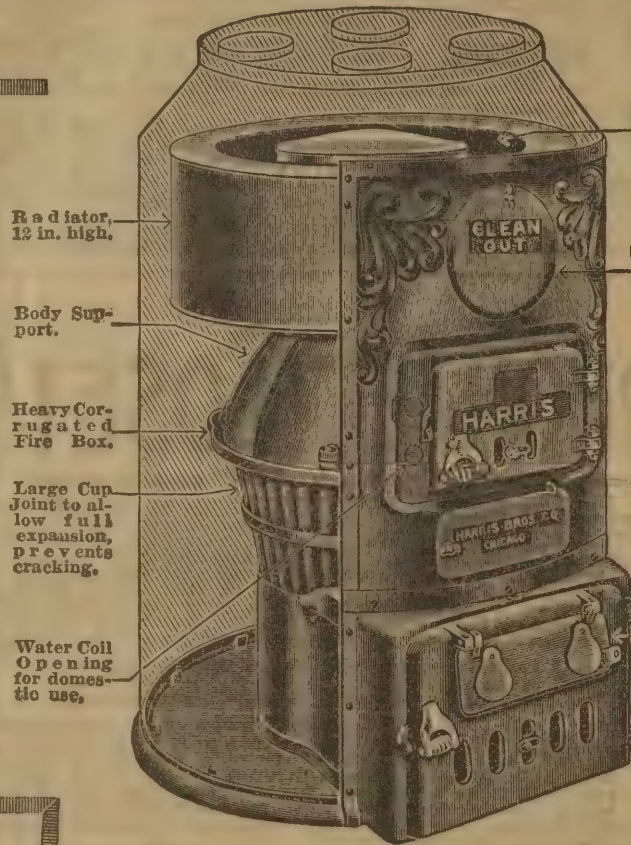
HARRIS SIMPLIFIED

INSTALLED QUICKLY AND ECONOMICALLY

WARM AIR FURNACES Pure, Fresh, Warm Air

WITH the aid of our Free Expert Engineering service, any man with ordinary intelligence can install a modern warm air heating plant in any home, new or old, and thereby eliminate much of the unnecessary installation expense, which increases the big saving already represented in our prices.

That our ideas are correct is evidenced by our enormously increasing business. From ocean to ocean and from the uppermost points in Canada to the South, our heating plants have been installed with absolute success. We have been engaged in selling Modern Heating plants for 15 years. Write us for heating information. Give us the general facts concerning your particular proposition. We'll do the rest and surprise you with the simplicity of our methods.



Big 6-in. Free Air Passage.

Radiator, 12 in. high.

Radiator Easily Cleaned.

Body Support.

Heavy Corrugated Fire Box.

Large Cup Joint to allow full expansion, prevents cracking.

Water Coil Opening for domestic use.

Most Practical Grate Bar made, 65 per cent air, impossible to warp.

Heavy Malleable Ferrule, to prevent grate from splitting.



Butterfly Door, for regulating draft.

14-in. High Ash pit, easy to take ashes out.

Send us your order. Follow our plans, install the plant, give it a try-out during the COLDEST WINTER WEATHER, and if you are not fully satisfied that the plant is all we claim for it, you can return the entire plant to us at OUR FREIGHT EXPENSE and we will refund your money in full.

SPECIFICATIONS

HARRIS FURNACE WITH STEEL RADIATOR.

17M18	17M21	17M24	17M26	17M29
18 1/2	21	24	26	29
14	16 1/2	18 1/2	21 1/2	22 1/2
12 1/2 x 7	12 1/2 x 7	12 1/2 x 7	12 1/2 x 7	12 1/2 x 7
32	36	40	44	50
58	59	60	61	64
46	47	48	49	52
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
13 x 14 1/2	15 1/2 x 13	18 x 13	19 1/2 x 13 1/2	20 x 14
8	8	8	8	9
11,000	16,000	22,000	31,000	37,000
670	790	925	1,060	1,240
\$33.50	\$40.75	\$45.75	\$55.50	\$67.50

HARRIS FURNACE WITH CAST IRON RADIATOR.

17M118	17M121	17M124	17M126	17M129
18 1/2	21	24	26	29
14	16 1/2	18 1/2	21 1/2	22 1/2
12 1/2 x 7	12 1/2 x 7	12 1/2 x 7	12 1/2 x 7	12 1/2 x 7
32	36	40	44	50
58	59	60	61	64
46	47	48	49	52
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
13 x 14 1/2	13 x 14 1/2	13 x 14 1/2	13 x 14 1/2	13 x 14 1/2
8	8	8	8	9
11,000	16,000	22,000	31,000	37,000
770	840	990	1,140	1,500
\$36.00	\$44.60	\$50.75	\$60.65	\$75.00

Note—We can furnish any of the above furnaces with grate for burning wood at \$2.00 extra. We can furnish hot water coil for any of the above furnaces at \$2.00 extra.

SYSTEMS OF HEATING



WITH THE AID OF OUR EXPERT ENGINEERING SERVICE

PERFECTION CAST IRON BOILER

Guaranteed, Efficient, Durable

Just a Few Voluntary Testimonials

\$2800

THE HIGHEST AMOUNT OF EFFICIENCY ATTAINED WITH CAST IRON BOILERS

Some manufacturers recommend the use of a steel boiler. This might apply to a boiler for power purposes that will have to stand an unlimited amount of pressure, 200 or 300 pounds; but for house heating purposes, cast iron is certainly the proper material to use, for the pressure will, at the most, not exceed 10 pounds.

When ordering, consider the decided advantages, durability, efficiency, design, etc., which are featured in our "Perfection" Boiler.

ANY KIND OF COAL USED IN PERFECTION BOILER

It does not matter what kind of coal you use in these boilers, either hard or soft. The great advantage which these boilers have as a soft coal burner lies in the simplicity of cleaning. The entire cleaning of the flues is done from the front of the boiler, by opening the clean-out door and running the flue brush through each opening two or three times, making a thorough cleaning in the most efficient manner. The boiler should be cleaned as often as possible when using soft coal. The simplicity of the flue arrangement makes it very easy to clean them.

Your particular attention is called to the entire firepot, surrounded by water. The cold water being supplied to the bottom of the boiler gradually becomes heated, rises to the top and is taken off with proper arrangements of piping to supply the various radiators.

ROCKING GRATES

Every grate bar in our boilers is mounted on an axis and connects with a common connecting bar underneath. This connecting bar is attached to a lever located at the side of the boiler as shown in these illustrations, and by operating this lever every grate bar in the entire boiler can be made to rock, and the top of the grate surface on which the fire bed rests is converted into a veritable grinding machine when these grates are being shaken, and it only takes very little shaking of these grates to get all of the surplus ashes out of the fire bed and get the fire going with a bright red heat through the entire grate surface of the boiler. These grates positively prevent any dead corners in these boilers, as any ashes that might collect in these corners will always find its way down, and once it reaches these grinding grates it is bound to be discharged into the ash box.

No heating proposition is too large for us; whether you have a home, restaurant, hotel, club-house, factory, green-house, brooder, theatre or any other kind of building to heat, we are ready to give you the benefit of our many years of actual heating experience.

PRICES AND DIMENSIONS OF OUR PERFECTION CAST-IRON BOILERS.

Number	Size of Firepot	Size of Smoke Pipe	Floor Space, Including Smoke Box	Tappings at Flow and Return	Height to Water Line (In Steam Boiler)	Direct Water Radiation	Direct Steam Radiation	Shipping Weight in Lbs.	Price for Water	Price for Steam
17M64	13x12	7	22x20	2-2	38 1/4	300	150	590	\$28.00	\$34.50
17M65	13x15	7	22x24	2-2	38 1/4	400	225	675	38.25	45.00
17M66	13x18	7	22x28	2-2	38 1/4	500	300	835	47.25	55.00
17M67	13x21	7	22x32	3-2	38 1/4	600	375	915	52.00	59.25
17M175	17x17	9	27x28	2-2 1/4	48	700	425	941	62.00	69.25
17M176	17x21 1/2	9	27x32	2-2 1/4	48	900	525	1123	68.00	75.50
17M177	17x26 1/2	9	27x36	3-2 1/4	48	1050	625	1305	78.50	86.00
17M178	17x30	9	27x40	3-2 1/4	48	1250	725	1487	86.00	95.00

Above prices are all F. O. B. our factory in Eastern New York. We will quote Freight Prepaid or F. O. B. Chicago prices on request.

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago.

We Guarantee Absolute Satisfaction or Money Refunded

Read What Satisfied Users Say

Their Plant Sold Three More
Adrian, Mich.

Harris Bros. Co., Chicago, Ill.
Dear Sirs: As I just finished connecting up and started one of your 900 ft. Hot Water Plants, I thought I would write you in regard to it as I have surprised everybody as to the temperature of water that I can get without boiling. And this afternoon I ran the thermometer up to 235° without boiling. The same I can prove by three parties that are thinking of installing plants next season. The plant works like a bird and they are very much pleased with it. Will help you all I can. Yours,

Thomas Earl, 13 West Beecher St.

Proved Satisfactory

Dayton, Ohio.
Harris Brothers Co., Chicago, Ill.
Gentlemen: The hot water plant ordered from you and started November last is proving very satisfactory and we are so much pleased with it and also pleased the way the Harris Brothers do business. Everything was carried out according to contract and if you want to deal with a Company that is prompt, deal with this one.

We are burning soft coal and find it will do the work if you have a good draft. These heaters can be installed by anyone, that everything is shown so plain with instructions that you can't make a mistake. We have a six room house and we saved \$75 in this plant.

W. B. Mitzner, 409 Hughes St.

No Shortage of Material

Logansport, Ind.
Harris Bros., Chicago, Ill.
Dear Sirs: The hot water heating plant purchased a few months ago was received complete in every respect. There was no shortage in material. As I have had some experience in heating, it was very easy for me to install. It took me five mornings to run all the pipe and connect up the radiators. I think I have saved \$100.00 on this plant. The tools you sent me are in good shape and as I have no more use for them I would like to know if I can return them and what you will charge me for the use of them.

Yours very truly,
Arthur B. Cassube,
931 20th St.

CAST IRON

FITTINGS

MALLEABLE

Cast Iron Fittings For Standard Wrought Iron Pipe are made of the best grade of material, carefully tapped, inspected before shipment, and guaranteed with uniform and perfect threads, suitable for a working pressure up to 125 lbs.; used on power plants, low pressure steam and hot water plants. In ordering fittings be sure and give the inside measurements of the pipe you will use the fittings with, as all pipe is listed by inside measurement only and fittings correspond. Give figure, number and price when ordering. Sizes not listed, furnished on application.

Sizes	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8
No. 21P1. Elbows, Black	.03 1/4	.04	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.12	.21	.30	.45	.53	.68	.88	1.18	2.90
No. 21P2. Elbows, R. & L., Black	.03 1/4	.04	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.12	.21	.30	.45	.53	.68	.88	1.18	2.90
No. 21P3. Tees, Black	.05	.06	.06 1/2	.07 1/2	.08 1/2	.10	.12 1/2	.18	.32	.44	.68	.73	1.23	1.72	4.17
No. 21P4. Crosses, Black	.05	.06	.06 1/2	.07 1/2	.08 1/2	.10	.12 1/2	.18	.32	.44	.68	.73	1.23	1.72	4.17
No. 21P5. Plugs, Black	.01 1/4	.02 1/4	.02 1/2	.03 1/4	.04 1/4	.05	.07 1/4	.07	.09 1/4	.14 1/4	.16	.35	.50	.75	1.06
No. 21P6. Plugs, Galvanized	.02 1/4	.03 1/4	.04	.05	.06	.08 1/4	.13 1/4	.19	.29	.46	.53	.68	.88	1.18	2.90
No. 21P7. Bushings, Black	.02 1/4	.03 1/4	.04	.05	.06	.08 1/4	.13 1/4	.19	.29	.46	.53	.68	.88	1.18	2.90
No. 21P8. Bushings, Galvanized	.04	.05	.06	.07	.08	.10	.12 1/2	.18	.32	.44	.68	.73	1.23	1.72	4.17
No. 21P9. Caps, Black	.04 1/2	.06 1/2	.08 1/2	.11	.13 1/2	.21	.32	.49	.71	.83	1.25	1.56	2.76	3.20	3.20
No. 21P10. Couplings, R. & L.	.03	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.09	.11	.17 1/4	.25	.33	.42	.59	.83	1.30	2.31
No. 21P11. Couplings, Black	.04 1/2	.06 1/2	.08 1/2	.11	.13 1/2	.21	.32	.49	.71	.83	1.25	1.56	2.76	3.20	3.20
No. 21P12. Couplings, Galvanized	.04 1/2	.06 1/2	.08 1/2	.11	.13 1/2	.21	.32	.49	.71	.83	1.25	1.56	2.76	3.20	3.20
No. 21P13. Flange Unions, Black	.15 1/4	.18	.20 1/2	.25	.31	.36 1/2	.49	.59	.71	.83	1.25	1.56	2.76	3.20	3.20
No. 21P14. Return Bends, Close, Pat., Black	.04 1/2	.06 1/2	.08 1/2	.11	.13 1/2	.21	.32	.49	.71	.83	1.25	1.56	2.76	3.20	3.20
No. 21P15. Return Bends, Open, Pat., Black	.04 1/2	.06 1/2	.08 1/2	.11	.13 1/2	.21	.32	.49	.71	.83	1.25	1.56	2.76	3.20	3.20
No. 21P16. Ceiling Plates, Black	.04 1/2	.06 1/2	.08 1/2	.11	.13 1/2	.21	.32	.49	.71	.83	1.25	1.56	2.76	3.20	3.20
No. 21P17. Floor Plates, Black	.04 1/2	.06 1/2	.08 1/2	.11	.13 1/2	.21	.32	.49	.71	.83	1.25	1.56	2.76	3.20	3.20
No. 21P18. Nipples, Short, Black	.01 1/4	.02 1/4	.02 1/2	.03 1/4	.04 1/4	.05	.07 1/4	.07	.09 1/4	.14 1/4	.16	.35	.50	.75	1.06
No. 21P19. Nipples, Short, Galvanized	.02	.02 1/2	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46
No. 21P20. Nipples, Long, Black	.02 1/4	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46
No. 21P21. Nipples, Long, Galvanized	.02 1/4	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46
No. 21P22. Nipples, R. & L., Black, length 2 1/2 in.	.02 1/4	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46
No. 21P23. Reducing Elbows	.02 1/4	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46
No. 21P24. 45-degree Elbows	.04 1/2	.06 1/2	.08 1/2	.11	.13 1/2	.21	.32	.49	.71	.83	1.25	1.56	2.76	3.20	3.20
No. 21P25. Reducing Tees, Black	.05 1/4	.07 1/4	.08 1/4	.10	.12 1/2	.18	.32	.44	.68	.73	1.23	1.72	4.17	4.17	4.17
No. 21P26. Reducing Crosses, Black	.05 1/4	.07 1/4	.08 1/4	.10	.12 1/2	.18	.32	.44	.68	.73	1.23	1.72	4.17	4.17	4.17
No. 21P27. Reducers, Cast Iron	.10	.12 1/2	.18	.24	.34	.64	.91	1.23	1.44	2.48	3.30	7.92	7.92	7.92	7.92

For prices on Cast Iron Galvanized Fittings, double corresponding price in Black.

Malleable Iron Fittings For Standard Wrought Iron Pipe are made of the best grade of malleable iron, great care being used in the selection of material and their manufacture; all fittings are inspected and tested before shipment, guaranteed water, air and gas tight. Give figure, number and price when ordering.

Sizes	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8
No. 21P28. Elbows, R. H., Black	.02 3/4	.03 1/4	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96
No. 21P29. Elbows, R. & L. H., Black	.03 1/4	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96	1.96
No. 21P30. Elbows, R. H., Galvanized	.03 1/4	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96	1.96
No. 21P31. Elbows, 45-degree, R. H., Black	.02 3/4	.03 1/4	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96
No. 21P32. Elbows, 45-degree, R. H., Galvanized	.03 1/4	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96	1.96
No. 21P33. Elbows, Street, Black	.02 3/4	.03 1/4	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96
No. 21P34. Elbows, Street, Galvanized	.03 1/4	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96	1.96
No. 21P35. Elbows, Side Opening, Black	.04 1/2	.05 1/2	.07 1/4	.11	.15 1/4	.23	.31	.42	.63	.88	1.25	1.56	2.76	3.20	3.20
No. 21P36. Elbows, Side Opening, Galvanized	.05 1/4	.07 1/4	.08 1/4	.10	.12 1/2	.18	.32	.44	.68	.73	1.23	1.72	4.17	4.17	4.17
No. 21P37. Tees, Black	.02 3/4	.03 1/4	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96
No. 21P38. Tees, Galvanized	.03 1/4	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96	1.96
No. 21P39. Crosses, Black	.03 3/4	.05 1/2	.08 1/4	.11 1/2	.19	.33	.53	.77	.96	1.10	1.33	1.56	1.96	1.96	1.96
No. 21P40. Crosses, Galvanized	.04 1/2	.05 1/2	.07 1/4	.11	.15 1/4	.23	.31	.42	.63	.88	1.25	1.56	2.76	3.20	3.20
No. 21P41. Reducers, Black	.02 1/4	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46
No. 21P42. Reducers, Galvanized	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46	1.46
No. 21P43. Caps, Black	.02 1/4	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46
No. 21P44. Caps, Galvanized	.02 1/4	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46
No. 21P45. Return Bends, Close, Black	.06 3/4	.10 1/2	.14 1/4	.21	.31	.44	.69	.99	1.44	2.00	2.76	3.20	3.20	3.20	3.20
No. 21P46. Return Bends, Close, Galvanized	.11	.15 1/2	.21	.31	.44	.69	.99	1.44	2.00	2.76	3.20	3.20	3.20	3.20	3.20
No. 21P47. Return Bends, Open, Black	.06 3/4	.10 1/2	.14 1/4	.21	.31	.44	.69	.99	1.44	2.00	2.76	3.20	3.20	3.20	3.20
No. 21P48. Return Bends, Open, Galvanized	.11	.15 1/2	.21	.31	.44	.69	.99	1.44	2.00	2.76	3.20	3.20	3.20	3.20	3.20
No. 21P49. Locknuts, Black	.02 1/4	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46
No. 21P50. Locknuts, Galvanized	.03 1/4	.04 1/2	.05 1/2	.06 1/2	.08 1/4	.10	.12	.18 1/2	.21	.39	.46	1.46	1.46	1.46	1.46
No. 21P51. Unions, Black	.08 1/4	.12 1/2	.18	.24	.34	.64	.91	1.23	1.44	2.48	3.30	7.92	7.92	7.92	7.92
No. 21P52. Unions, Galvanized	.12	.18	.24	.34	.64	.91	1.23	1.44	2.48	3.30	7.92	7.92	7.92	7.92	7.92

ALL PRICES ON THIS PAGE SUBJECT TO CHANGE

How to Order Reducing Tees and Crosses

Reducing Tees

1st. Always give end or run openings. When side openings.

Example
1 1/4



Order should read: "2x1 1/4x1 1/4."

Reducing Crosses

Always mention all openings. Reading straight across, then up and down.

Example
1



Order should read: "2x2x1x1."

CAST IRON FLANGE

When ordering cast iron flanges, be sure to mention size of pipe and diameter of flange. We can furnish in three ways: "Not Faced or Drilled," "Faced" and "Faced and Drilled." When ordering be sure to give size, figure number and price. Bolts are extra.

No. 21-P-200. 1st. Cast Iron Flange, Not Faced and Drilled.
No. 21-P-201. 2nd. Cast Iron Flange, Faced.
No. 21-P-202. 3rd. Cast Iron Flange, Faced and Drilled.

Inside Pipe, Inch.	Outside Flange, Inch.	"Not Faced or Drilled."	"Faced"	"Faced and Drilled."	Inside Pipe, Inch.	Outside Flange, Inch.	"Not Faced or Drilled."	"Faced"	"Faced and Drilled."
6	7 1/2	\$0.18	\$0.35	\$0.47	3 1/2	9	\$1.02	\$1.24	\$1.45
7	8 1/2	.23	.40	.52	4	10	.64	.81	1.02
8	9 1/2	.32	.53	.68	5	11	.86	1.08	1.30
9	10 1/2	.45	.73	.92	6	12	1.19	1.45	1.78
10	11 1/2	.64	1.10	1.38	7	13	1.56	1.88	2.24
11	12 1/2	.88	1.45	1.84	8	14	2.00	2.38	2.76
12	13 1/2	1.19	1.96	2.44	9	15	2.48	2.92	3.36

Cast Iron Black Drainage Fittings Threaded for Wrought Iron Pipe

These fittings have an interior shoulder to which the pipe screws up flush, thus giving an unobstructed passage, preventing pipe from becoming choked up by any solid matter.

Drainage Basin Tee

No. 21P124.

Size, 1 1/2 inches. Price.....28c
Size, 2 inches. Price.....36c

Drainage Street Elbow

No. 21P125.

Cast Iron.
Size, 1 1/2 inches. Price.....16c

Wrought Iron Long Screw

No. 21P126.

With Coupling and Locknut, Faced.
Galvanized
Size, 1 1/2 in. x 5 1/2 in. long. Price 63c
Size, 2 in. x 6 in. long. Price .68c

Cast Iron Black Drainage Fittings. Threaded for Wrought Iron Pipe

NOTICE.—The sizes given for fittings refer to the size of the pipe on which fittings are to be used. Carefully measure the inside of the pipe, NOT the coupling, and order by this size.

90 Degree Drainage Elbow

No. 21P121.
Size, 1 1/2 inches. Price.....15c
Size, 2 inches. Price.....23c

45 Degree Drainage Elbow

No. 21P122.
Size, 1 1/2 inches. Price.....15c
Size, 2 inches. Price.....23c






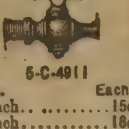


45 Degree Y Drainage

No. 21P127.
Size, 1 1/2 inches. Price.....26c
Size, 2 inches. Price.....38c







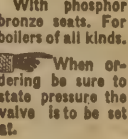

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago.

BRASS VALVES AND COCKS

Full standard weights, suitable for 100-pound steam pressure. For use either steam or water purposes. Made of the best grade metals of proper mixture to give excellent satisfaction. The valves are fully machined and have full openings. We guarantee them fully in every respect and we will replace any valve without charge that does not prove entirely satisfactory.

STANDARD BRASS GLOBE VALVES.  ★5-N-4901 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.30</td></tr> <tr><td>3/4 inch</td><td>.32</td></tr> <tr><td>1 inch</td><td>.42</td></tr> <tr><td>1 1/4 inch</td><td>.59</td></tr> <tr><td>1 1/2 inch</td><td>.78</td></tr> <tr><td>2 inch</td><td>1.07</td></tr> <tr><td>2 1/2 inch</td><td>1.47</td></tr> <tr><td>3 inch</td><td>2.23</td></tr> </table>	Size.	Each.	1/2 inch	\$0.30	3/4 inch	.32	1 inch	.42	1 1/4 inch	.59	1 1/2 inch	.78	2 inch	1.07	2 1/2 inch	1.47	3 inch	2.23	STANDARD BRASS ANGLE VALVES.  ★5-N-4903 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.30</td></tr> <tr><td>3/4 inch</td><td>.32</td></tr> <tr><td>1 inch</td><td>.42</td></tr> <tr><td>1 1/4 inch</td><td>.59</td></tr> <tr><td>1 1/2 inch</td><td>.76</td></tr> <tr><td>2 inch</td><td>1.07</td></tr> <tr><td>2 1/2 inch</td><td>1.47</td></tr> <tr><td>3 inch</td><td>2.23</td></tr> </table>	Size.	Each.	1/2 inch	\$0.30	3/4 inch	.32	1 inch	.42	1 1/4 inch	.59	1 1/2 inch	.76	2 inch	1.07	2 1/2 inch	1.47	3 inch	2.23	JENKINS' DISC BRASS GLOBE VALVES.  ★5-P-4905 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.48</td></tr> <tr><td>3/4 inch</td><td>.55</td></tr> <tr><td>1 inch</td><td>.72</td></tr> <tr><td>1 1/4 inch</td><td>.99</td></tr> <tr><td>1 1/2 inch</td><td>1.31</td></tr> <tr><td>2 inch</td><td>1.77</td></tr> <tr><td>2 1/2 inch</td><td>2.49</td></tr> <tr><td>3 inch</td><td>3.89</td></tr> </table>	Size.	Each.	1/2 inch	\$0.48	3/4 inch	.55	1 inch	.72	1 1/4 inch	.99	1 1/2 inch	1.31	2 inch	1.77	2 1/2 inch	2.49	3 inch	3.89	JENKINS' DISC BRASS ANGLE VALVES.  ★5-P-4907 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.48</td></tr> <tr><td>3/4 inch</td><td>.55</td></tr> <tr><td>1 inch</td><td>.72</td></tr> <tr><td>1 1/4 inch</td><td>.99</td></tr> <tr><td>1 1/2 inch</td><td>1.31</td></tr> <tr><td>2 inch</td><td>1.77</td></tr> <tr><td>2 1/2 inch</td><td>2.49</td></tr> <tr><td>3 inch</td><td>3.88</td></tr> </table>	Size.	Each.	1/2 inch	\$0.48	3/4 inch	.55	1 inch	.72	1 1/4 inch	.99	1 1/2 inch	1.31	2 inch	1.77	2 1/2 inch	2.49	3 inch	3.88	STANDARD GATE VALVES.  ★5-P-4909 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.62</td></tr> <tr><td>3/4 inch</td><td>.64</td></tr> <tr><td>1 inch</td><td>.73</td></tr> <tr><td>1 1/4 inch</td><td>.95</td></tr> <tr><td>1 1/2 inch</td><td>1.24</td></tr> <tr><td>2 inch</td><td>1.64</td></tr> <tr><td>2 1/2 inch</td><td>2.23</td></tr> <tr><td>3 inch</td><td>3.24</td></tr> </table>	Size.	Each.	1/2 inch	\$0.62	3/4 inch	.64	1 inch	.73	1 1/4 inch	.95	1 1/2 inch	1.24	2 inch	1.64	2 1/2 inch	2.23	3 inch	3.24	BRASS AIR COCKS.  6-C-4911 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>.15c</td></tr> <tr><td>3/4 inch</td><td>.18c</td></tr> <tr><td>1 inch</td><td>.21c</td></tr> <tr><td>1 1/2 inch</td><td>.24c</td></tr> </table>	Size.	Each.	1/2 inch	.15c	3/4 inch	.18c	1 inch	.21c	1 1/2 inch	.24c	CLAMPRESSOR GAUGE COCKS.  ★5-P-4915 With wood handles, brass finished, with stuffing box. <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>.42c</td></tr> <tr><td>3/4 inch</td><td>.45c</td></tr> <tr><td>1 inch</td><td>.55c</td></tr> </table>	Size.	Each.	1/2 inch	.42c	3/4 inch	.45c	1 inch	.55c	THREE-WAY BRASS STEAM COCKS.  ★5-P-4917 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$8.00</td></tr> <tr><td>3/4 inch</td><td>1.10</td></tr> <tr><td>1 inch</td><td>1.45</td></tr> <tr><td>1 1/4 inch</td><td>2.25</td></tr> <tr><td>1 1/2 inch</td><td>2.85</td></tr> <tr><td>2 inch</td><td>4.40</td></tr> </table>	Size.	Each.	1/2 inch	\$8.00	3/4 inch	1.10	1 inch	1.45	1 1/4 inch	2.25	1 1/2 inch	2.85	2 inch	4.40
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PIPE TOOLS We save you 30 to 50 per cent on new guaranteed Pipe Tools.

STANDARD BRASS STEAM COCKS.  ★5-P-4919 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.32</td></tr> <tr><td>3/4 inch</td><td>.40</td></tr> <tr><td>1 inch</td><td>.49</td></tr> <tr><td>1 1/4 inch</td><td>.72</td></tr> <tr><td>1 1/2 inch</td><td>.93</td></tr> <tr><td>2 inch</td><td>1.48</td></tr> <tr><td>2 1/2 inch</td><td>1.89</td></tr> <tr><td>3 inch</td><td>2.73</td></tr> </table>	Size.	Each.	1/2 inch	\$0.32	3/4 inch	.40	1 inch	.49	1 1/4 inch	.72	1 1/2 inch	.93	2 inch	1.48	2 1/2 inch	1.89	3 inch	2.73	STANDARD BRASS GAS SERVICE COCKS.  ★5-P-4921 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.37</td></tr> <tr><td>3/4 inch</td><td>.44</td></tr> <tr><td>1 inch</td><td>.48</td></tr> <tr><td>1 1/4 inch</td><td>.63</td></tr> <tr><td>1 1/2 inch</td><td>.90</td></tr> <tr><td>2 inch</td><td>1.40</td></tr> <tr><td>2 1/2 inch</td><td>1.90</td></tr> <tr><td>3 inch</td><td>3.08</td></tr> </table>	Size.	Each.	1/2 inch	\$0.37	3/4 inch	.44	1 inch	.48	1 1/4 inch	.63	1 1/2 inch	.90	2 inch	1.40	2 1/2 inch	1.90	3 inch	3.08	STANDARD HORIZONTAL CHECK VALVES.  ★5-P-4923 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.28</td></tr> <tr><td>3/4 inch</td><td>.28</td></tr> <tr><td>1 inch</td><td>.36</td></tr> <tr><td>1 1/4 inch</td><td>.48</td></tr> <tr><td>1 1/2 inch</td><td>.68</td></tr> <tr><td>2 inch</td><td>.95</td></tr> <tr><td>2 1/2 inch</td><td>1.25</td></tr> <tr><td>3 inch</td><td>1.90</td></tr> </table>	Size.	Each.	1/2 inch	\$0.28	3/4 inch	.28	1 inch	.36	1 1/4 inch	.48	1 1/2 inch	.68	2 inch	.95	2 1/2 inch	1.25	3 inch	1.90	JENKINS' DISC BRASS CHECK VALVES.  ★5-P-4925 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.44</td></tr> <tr><td>3/4 inch</td><td>.54</td></tr> <tr><td>1 inch</td><td>.63</td></tr> <tr><td>1 1/4 inch</td><td>.92</td></tr> <tr><td>1 1/2 inch</td><td>1.25</td></tr> <tr><td>2 inch</td><td>1.70</td></tr> <tr><td>2 1/2 inch</td><td>2.23</td></tr> <tr><td>3 inch</td><td>3.25</td></tr> </table>	Size.	Each.	1/2 inch	\$0.44	3/4 inch	.54	1 inch	.63	1 1/4 inch	.92	1 1/2 inch	1.25	2 inch	1.70	2 1/2 inch	2.23	3 inch	3.25	STANDARD SWING CHECK VALVES.  ★5-P-4927 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.80</td></tr> <tr><td>3/4 inch</td><td>.87</td></tr> <tr><td>1 inch</td><td>1.12</td></tr> <tr><td>1 1/4 inch</td><td>1.48</td></tr> <tr><td>1 1/2 inch</td><td>1.90</td></tr> <tr><td>2 inch</td><td>2.70</td></tr> </table>	Size.	Each.	1/2 inch	\$0.80	3/4 inch	.87	1 inch	1.12	1 1/4 inch	1.48	1 1/2 inch	1.90	2 inch	2.70	STANDARD VERTICAL CHECK VALVES.  ★5-P-4929 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$0.38</td></tr> <tr><td>3/4 inch</td><td>.37</td></tr> <tr><td>1 inch</td><td>.48</td></tr> <tr><td>1 1/4 inch</td><td>.60</td></tr> <tr><td>1 1/2 inch</td><td>.90</td></tr> <tr><td>2 inch</td><td>1.27</td></tr> <tr><td>2 1/2 inch</td><td>1.60</td></tr> <tr><td>3 inch</td><td>2.50</td></tr> </table>	Size.	Each.	1/2 inch	\$0.38	3/4 inch	.37	1 inch	.48	1 1/4 inch	.60	1 1/2 inch	.90	2 inch	1.27	2 1/2 inch	1.60	3 inch	2.50	POP SAFETY VALVES.  With phosphor bronze seats. For boilers of all kinds. When ordering be sure to state pressure the valve is to be set at. 6-P-4931 <table border="1"> <tr><th>Size</th><th>Horse Power</th><th>Each</th><th>Up to 25 lb. Pressure</th><th>Each from 25-100 lb. Pressure</th></tr> <tr><td>1/2</td><td>8</td><td>\$2.20</td><td>\$3.25</td><td></td></tr> <tr><td>1</td><td>12</td><td>3.05</td><td>3.60</td><td></td></tr> <tr><td>1 1/2</td><td>18</td><td>3.30</td><td>4.32</td><td></td></tr> <tr><td>2</td><td>20</td><td>4.15</td><td>5.40</td><td></td></tr> <tr><td>3</td><td>30</td><td>6.30</td><td>8.25</td><td></td></tr> </table>	Size	Horse Power	Each	Up to 25 lb. Pressure	Each from 25-100 lb. Pressure	1/2	8	\$2.20	\$3.25		1	12	3.05	3.60		1 1/2	18	3.30	4.32		2	20	4.15	5.40		3	30	6.30	8.25		STANDARD BRASS BALL AND LEVER SAFETY VALVES.  6-P-4933 <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>1/2 inch</td><td>\$1.25</td></tr> <tr><td>3/4 inch</td><td>1.45</td></tr> <tr><td>1 inch</td><td>1.89</td></tr> <tr><td>1 1/4 inch</td><td>2.85</td></tr> <tr><td>1 1/2 inch</td><td>3.38</td></tr> <tr><td>2 inch</td><td>4.69</td></tr> <tr><td>2 1/2 inch</td><td>7.40</td></tr> <tr><td>3 inch</td><td>11.05</td></tr> </table>	Size.	Each.	1/2 inch	\$1.25	3/4 inch	1.45	1 inch	1.89	1 1/4 inch	2.85	1 1/2 inch	3.38	2 inch	4.69	2 1/2 inch	7.40	3 inch	11.05
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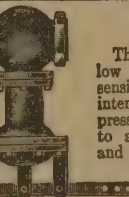
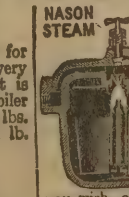
IRON BODY VALVES Standard weight, well proportioned. Suitable for working pressure up to 100 pounds. Made of special iron, have full openings. Carefully machined and finished. For steam or water. Guaranteed to give perfect satisfaction for any work where standard valves are generally used.

IRON BODY GLOBE VALVES.  21-P-103. Brass Mounted, with Yoke, Flange ends. <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>2 1/2 inch</td><td>\$4.67</td></tr> <tr><td>3 inch</td><td>6.53</td></tr> <tr><td>3 1/2 inch</td><td>8.10</td></tr> <tr><td>4 inch</td><td>9.84</td></tr> <tr><td>5 inch</td><td>13.57</td></tr> <tr><td>6 inch</td><td>18.29</td></tr> </table>	Size.	Each.	2 1/2 inch	\$4.67	3 inch	6.53	3 1/2 inch	8.10	4 inch	9.84	5 inch	13.57	6 inch	18.29	IRON BODY ANGLE VALVES.  21-P-104. Brass Mounted, with Yoke, Flange ends. <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>2 1/2 inch</td><td>\$4.67</td></tr> <tr><td>3 inch</td><td>6.53</td></tr> <tr><td>3 1/2 inch</td><td>8.10</td></tr> <tr><td>4 inch</td><td>9.84</td></tr> <tr><td>5 inch</td><td>13.57</td></tr> <tr><td>6 inch</td><td>18.29</td></tr> </table>	Size.	Each.	2 1/2 inch	\$4.67	3 inch	6.53	3 1/2 inch	8.10	4 inch	9.84	5 inch	13.57	6 inch	18.29	IRON BODY GLOBE VALVES AND ANGLES.  Brass mounted with yoke, screw ends. 21-P-101. Globe valve. 21-P-105. Angle valve. <table border="1"> <tr><th>Size.</th><th>Price</th></tr> <tr><td>2 1/2 inch</td><td>\$9.92</td></tr> <tr><td>3 inch</td><td>6.43</td></tr> <tr><td>3 1/2 inch</td><td>8.64</td></tr> <tr><td>4 inch</td><td>9.84</td></tr> <tr><td>5 inch</td><td>13.57</td></tr> <tr><td>6 inch</td><td>18.49</td></tr> </table>	Size.	Price	2 1/2 inch	\$9.92	3 inch	6.43	3 1/2 inch	8.64	4 inch	9.84	5 inch	13.57	6 inch	18.49	STRAIGHT WAY GATE VALVES.  21-P-108. Iron Body, Brass Trimmings, Stationary Stem, Screw ends. <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>2 1/2 inch</td><td>\$4.55</td></tr> <tr><td>3 inch</td><td>5.54</td></tr> <tr><td>3 1/2 inch</td><td>6.73</td></tr> <tr><td>4 inch</td><td>7.52</td></tr> <tr><td>5 inch</td><td>10.89</td></tr> <tr><td>6 inch</td><td>12.87</td></tr> </table>	Size.	Each.	2 1/2 inch	\$4.55	3 inch	5.54	3 1/2 inch	6.73	4 inch	7.52	5 inch	10.89	6 inch	12.87	STRAIGHT WAY GATE VALVES.  21-P-110. Iron Body, Brass Trimmings, Stationary Stem, Flange ends. <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>2 1/2 inch</td><td>\$5.34</td></tr> <tr><td>3 inch</td><td>6.63</td></tr> <tr><td>3 1/2 inch</td><td>7.72</td></tr> <tr><td>4 inch</td><td>9.10</td></tr> <tr><td>5 inch</td><td>12.47</td></tr> <tr><td>6 inch</td><td>14.45</td></tr> </table>	Size.	Each.	2 1/2 inch	\$5.34	3 inch	6.63	3 1/2 inch	7.72	4 inch	9.10	5 inch	12.47	6 inch	14.45	IRON BODY GLOBE VALVES.  21-P-97. Brass Mounted, plain screw ends. <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>2 inch</td><td>\$2.33</td></tr> <tr><td>2 1/2 inch</td><td>3.19</td></tr> <tr><td>3 inch</td><td>4.26</td></tr> </table>	Size.	Each.	2 inch	\$2.33	2 1/2 inch	3.19	3 inch	4.26	IRON BODY ANGLE VALVES.  21-P-99. Brass Mounted, plain screw ends. <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>2 inch</td><td>\$2.33</td></tr> <tr><td>2 1/2 inch</td><td>3.19</td></tr> <tr><td>3 inch</td><td>4.26</td></tr> </table>	Size.	Each.	2 inch	\$2.33	2 1/2 inch	3.19	3 inch	4.26
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Send for Your Big Catalog of Bargains of All Kinds

ALL PRICES ON THIS PAGE SUBJECT TO CHANGE

IRON BODY HORIZONTAL CHECK VALVES. 21-P-150. Brass Mounted Screw Ends. <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>2 1/2</td><td>\$2.70</td></tr> <tr><td>3</td><td>\$3.69</td></tr> <tr><td>3 1/2</td><td>\$5.08</td></tr> <tr><td>4</td><td>\$5.91</td></tr> <tr><td>5</td><td>\$9.13</td></tr> <tr><td>6</td><td>\$12.45</td></tr> </table>	Size.	Each.	2 1/2	\$2.70	3	\$3.69	3 1/2	\$5.08	4	\$5.91	5	\$9.13	6	\$12.45	IRON BODY HORIZONTAL CHECK VALVES. 21-P-108. Brass Mounted, Flange Ends. <table border="1"> <tr><th>Size.</th><th>Each.</th></tr> <tr><td>2 1/2</td><td>\$4.77</td></tr> <tr><td>3</td><td>\$7.47</td></tr> <tr><td>3 1/2</td><td>\$10.79</td></tr> <tr><td>4</td><td>\$14.52</td></tr> </table>	Size.	Each.	2 1/2	\$4.77	3	\$7.47	3 1/2	\$10.79	4	\$14.52
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IRON BODY BACK PRESSURE VALVES.  21-P-4951. Brass mounted, screw ends. <table border="1"> <tr><th>Size</th><th>Each</th></tr> <tr><td>2 1/2 inch</td><td>\$5.55</td></tr> <tr><td>3 inch</td><td>6.41</td></tr> <tr><td>3 1/2 inch</td><td>8.12</td></tr> <tr><td>4 inch</td><td>9.62</td></tr> <tr><td>5 inch</td><td>14.32</td></tr> <tr><td>6 inch</td><td>18.38</td></tr> </table>	Size	Each	2 1/2 inch	\$5.55	3 inch	6.41	3 1/2 inch	8.12	4 inch	9.62	5 inch	14.32	6 inch	18.38	ECLIPSE LOW PRESSURE REGULATING VALVE.  This valve is especially adapted for low pressure heating system—it is very sensitive and absolutely reliable. It is intended for reducing any boiler pressure between 50 lbs. and 200 lbs. to a pressure varying between 1 lb. and 15 lbs. 21-P-112. Screw ends. 21-P-113. Flange ends. <table border="1"> <tr><th>Size.</th><th>1 1/2</th><th>2</th><th>2 1/2</th><th>3</th></tr> <tr><td>Each.</td><td>\$14.85</td><td>\$15.40</td><td>\$18.08</td><td>\$21.85</td></tr> <tr><td>Each.</td><td>\$32.49</td><td>\$37.12</td><td>\$46.40</td><td>\$61.87</td></tr> </table> When ordering, give boiler pressure and what pressure you wish to reduce to, be sure to mention order number.	Size.	1 1/2	2	2 1/2	3	Each.	\$14.85	\$15.40	\$18.08	\$21.85	Each.	\$32.49	\$37.12	\$46.40	\$61.87	NASON STEAM TRAPS.  PATTERN TRAPS. 21-P-114. These traps are classified under 3 heads. Class 1—Designed for low pressure service, not to exceed 20 lbs. Class 2—Designed for medium pressure range from 20 lbs. to 70 lbs. Class 3—While similar in design to 1 and 2, it is heavier built and ranges from 40 lbs. to 150 lbs. pressure. Prices on class 3 on application. In ordering, please state what class you wish, or give approximate pressure at trap. <table border="1"> <tr><th>Size No.</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th></tr> <tr><td>Size of Pipe Connections</td><td>1/2</td><td>3/4</td><td>1</td><td>1 1/2</td><td>2</td></tr> <tr><td>Diameter of cylinder</td><td>3</td><td>10 1/2</td><td>13</td><td>14</td><td>19</td></tr> <tr><td>Height to top of valve</td><td>11</td><td>14</td><td>16 1/2</td><td>18 1/2</td><td>23 1/2</td></tr> <tr><td>Greatest number of square feet of surface capacity</td><td>850</td><td>900</td><td>1400</td><td>2000</td><td>3500</td></tr> <tr><td>Greatest number of lineal feet of 1 inch pipe capacity</td><td>1050</td><td>2700</td><td>4200</td><td>6000</td><td>10500</td></tr> <tr><td>Price, each</td><td>\$9.31</td><td>\$10.39</td><td>\$14.28</td><td>\$22.05</td><td>\$38.05</td></tr> </table>	Size No.	1	2	3	4	5	Size of Pipe Connections	1/2	3/4	1	1 1/2	2	Diameter of cylinder	3	10 1/2	13	14	19	Height to top of valve	11	14	16 1/2	18 1/2	23 1/2	Greatest number of square feet of surface capacity	850	900	1400	2000	3500	Greatest number of lineal feet of 1 inch pipe capacity	1050	2700	4200	6000	10500	Price, each	\$9.31	\$10.39	\$14.28	\$22.05	\$38.05
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Electrical Supplies



HARRIS BELL RINGING TRANSFORMER

C-20055. This transformer is designed to be connected to the house lighting circuit for the purpose of reducing the current to the low voltage, suitable for operating door bells, buzzers, annunciators, etc., thereby doing away entirely with the use of troublesome and expensive dry cells.

The transformer is simply connected into the lighting and bell circuit. They are very easily installed and guaranteed to last a life time. Costs nothing to operate.

Stock transformers will operate on 100 to 130 volts, 60 to 133 cycle.

"Junior" Bell Ringer, 2½x2x8"; 2½ lbs. . . . \$1.50

IRON BOX BUZZERS.

Used in place of bells for call purposes. Makes a loud buzzing sound.

4-P-10513. Iron box buzzer. Japanese style.25c

IRON BOX BELLS.

Used for door and call bells. Box is made of stamped sheet steel, nickel plated cast gong, German silver contacts. Can be operated and rings clearly with one cell of battery at a distance of 150 feet. Better results can be obtained with two cells of battery, not only increasing the ringing strength but the life of the batteries.

4-P-10501. 3-inch iron box bell.26c

4-inch iron box bell. Used where a louder tone is required.39c

SKELETON BELLS.

Used for fire and burglar alarms, or for other purposes that require a strong, loud ringing bell, such as mills, shops and factories. The contact points are platinum, thus insuring a uniform penetrating sound.

4-P-10503. 4-inch Gong. \$1.55

4-P-10505. 5-inch Gong. 2.03

4-P-10507. 6-inch Gong. 2.40

4-P-10509. 8-inch Gong. 3.90

4-P-10511. 10-inch Gong. 8.50

PUSH BUTTONS.

4-C-10527. Wood push buttons. Oak, ash, cherry or walnut. German silver springs, porcelain button.6c

4-C-10529. Solid cap stamped brass buttons.12c

4-C-10531. Stamped ornamental bronze oxidized copper push buttons, 2½ in. in diameter 13c

"HARRIS" STEEL BASE BATTERY SWITCHES.

4-M-20053. Recommended for all low voltage work; such as gasoline engines, motor boats, telephone, telegraph, bell lines, etc.

Mounted on a highly polished steel base. The jaws are of spring clip contact, assuring at all times a positive electrical connection.

No. 1 Single Throw, plain handle. 10c

No. 2 Double Throw, plain handle. 18c

Above switches with insulated handle, 3c extra.

SPARK PLUGS.

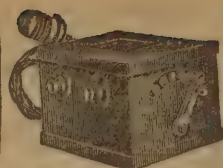
4-P-20052. For the heaviest and most severe service to which any spark plug may be subject. For use on automobiles, launchers and stationary engines.

Porcelains made of imported clay treated to withstand the varying degrees of temperature. Points are non-corrosive and will not disintegrate with heat. Furnished with standard ½" iron pipe thread.

Porcelain Spark Plug.29c

Mica Spark Plug.38c

Extra Porcelains.14c



HARRIS FLEXIBLE TOY TRANSFORMERS

4-M-20054. These transformers reduce the house lighting current to low voltages, suitable for operating and regulating the speed of electric engines, small motors, electric trains; ring bells, buzzers; light small lamps, etc. In fact, the different uses to which they may be put are unlimited. They are a practical substitute for all types of primary batteries.

No. 1 Toy with Switch

Each transformer is equipped with a regulating switch, by means of which a range of voltages from 1½ volt to the maximum limit of the transformer is available in small and uniform steps.

Transformers are mounted in handsome black enameled steel cases and equipped with an extension cord and attachment plug, so that they can be attached to any alternating current lamp socket. Have no moving parts and with ordinary care will last a lifetime.

Standard stock transformers are wound to operate on 100 to 130 volts, 60 to 133 cycles. Transformers of special voltage or cycle furnished to order without extra charge.

No. 1. 10 voltages, 1½ to 15 volts in 1½ volt steps, 50 watts, 4½x3½x3½, 5 lbs. \$3.00

No. 2. 16 voltages, 1½ to 24 volts in 1½ volt steps, 75 watts, 5x4x3½, 7 lbs. \$4.00

No. 3. 20 voltages, 1½ to 30 volts in 1½ volt steps, 150 watts, 5½x5x4, 10 lbs. \$5.50

HARRIS JUMP SPARK COILS.

For Stationary and Marine Engines.

4-M-20055. Designed to answer the most rigid requirements of marine and Stationary Gas Engines, regardless of horse power.

A hot, flaming arc is produced under compression with minimum current consumption, thereby increasing the life of the batteries.

Coils are equipped with a troubleproof vibrator and guaranteed to give satisfaction and last a lifetime. It is impossible to adjust the vibrator to consume an excessive amount of current, neither can it be adjusted to get out of working order. Arcing at contact points is practically eliminated. Large points are used, made of the very best grade of tungsten.

Assembled in a dovetailed, highly polished seasoned oak case.

Single Cylinder. \$2.50

Double Cylinder. \$ 4.80

Triple Cylinder. 9.75

Quadruple Cylinder. 13.00

Extra vibrator bridge with tungsten point.60c

Extra vibrator spring with tungsten point.60c

HARRIS MOISTURE-PROOF MAKE AND BREAK SPARK COILS—For Stationary and Marine Make and Break Engines

4-M-20051. Coils are assembled in a substantial black enameled steel case, 21" square by 6" high, occupying the same space in the battery box as an ordinary dry cell. They are very economical on battery power and generate at all times a hot, intense spark.

These coils are immersed in a special insulating compound, rendering them absolutely impervious to moisture. For this reason they can be installed in a damp or wet place without affecting their efficiency.

Any of our coils can be furnished with a single or double throw switch. A combined coil and switch is a very late improvement in Ignition Equipment. It simplifies the wiring circuit and eliminates the expense of one primary wire, battery switch and the mounting of same on the battery box.

No. 10. Make and Break Coil without switch.57c

No. 10. Make and Break Coil with single throw switch. 63c

No. 10. Make and Break Coil with double throw switch. 75c

GASOLINE ENGINE MAGNETO IGNITOR.

The most complete and best constructed magneto type of Ignitor that has ever been placed on the market. It is constructed with a special 12-section Laminated Armature and solid copper Commutator. The pole pieces are of special soft iron, while the fields or permanent magnets are constructed of the best grade of imported Tungsten steel (are 8 in number). These Magnets are put through a special aging process to insure their giving the highest generating power possible. The bearings are of special bronze metal and the shaft is of turned steel. It is equipped with Compression Grease Cups, and with combination Carbon and Copper Gauze Brushes so arranged that they will not cut the Commutator. Furnished with a Friction Governing Pulley, so that all that is necessary to do is to bolt the machine so that the pulley on the ignitor will come in contact with the engine fly wheel. A turn of the engine is all that is necessary to start, but we recommend that dry batteries always be used to start the engine and arrange with a double throw switch so that the battery can be thrown out as soon as the engine is started. It is also recommended that a Spark Coil always be used in conjunction with any type of ignitor, as you can get a much hotter and fatter spark and be sure of your ignition every time.

We guarantee our gasoline ignitor to be absolutely satisfactory or it can be returned to us and the full purchase price refunded. Shipping weight about 25 pounds.

4-C-10583. Gasoline engine ignitor. For "Make and Break" Ignition. \$10.65

4-D-10585. Gasoline engine ignitor. For Jump Spark Ignition. \$11.45

Electrical Supplies



WOOD BASE SWITCHES

For use on telephones, burglar alarms closed circuit bell systems and battery circuits of all kinds. Hardwood base finished in oak, walnut and cherry.

4-M-10533. Price, 1-point switch. 7c

4-M-10535. Price, 2-point switch. 8c

4-M-10537. Price, 3-point switch. 8c

4-M-10539. Price, 4-point switch. 10c

ELECTRIC BELL OUTFITS.

FOR DOOR AND CALL BELL SERVICE.

4-M-10587. Electric Bell outfit. Consisting of Dry Battery, one bronze push button, one 3-inch iron box bell, 75 feet of annunciator wire and necessary staples.85c

4-M-10589. Electric Bell outfit. Consisting of one cell of Dry Battery, one bronze push button, one 3-inch iron box bell, 75 feet of annunciator wire and necessary staples.75c



STANDARD WET BATTERIES.

For use on open circuits. For door bells, telephones, etc. Easily re-charged when exhausted. A complete outfit consists of glass jar, round carbon, zinc and one charge of sal ammoniac. Weight 4½ pounds.

4-P-10541. Price complete.40c

4-P-10543. Extra zincs. 3 for.21c

4-P-10545. Sal Ammoniac. Per pound.21c

Per charge.10c

CROWFOOT GRAVITY BATTERIES.

Suitable for closed circuits and used by all of the telegraph companies. Is recognized as a standard for this work. Can also be used in operating bells, small motors, etc. Each battery requires about 3 pounds of blue vitriol to charge it.

4-P-10547. Crowfoot Gravity battery. Size 5x7 inches. Consists of jar, copper and zinc. Weight 5 pounds.75c

4-P-10549. Crowfoot gravity battery. Size 6x8 inches. Consists of jar, copper and zinc. Weight 6 pounds. \$1.16

(Blue vitriol is not furnished with these batteries.)

4-M-10551. Battery jar, glass 5x7 inches.13c

4-M-10553. Battery jar, glass 6x8 inches.15c

4-M-10555. Zinc. For 5x7 inch jar.41c

4-M-10557. Zinc. For 6x8 inch jar.69c

4-M-10559. Copper. For 5x7 inch jar.8c

4-M-10561. Copper. For 6x8 inch jar.8c

4-M-10562. Blue vitriol. Per pound.12c

FULLER BATTERY.

4-M-10569. A long life, high grade battery. Recommended for use on long distance telephones, gasoline engines, motors, nickel plating outfits and lavatory work. Also for gasoline engine ignition. Four batteries will spark an ordinary gas engine on one charge for a period of eight to ten months. Per cell complete. \$1.40

4-M-10567. Renewals. Consists of zinc, can of salt and bi-sulphate of mercury.70c

4-M-10569. Electroplating salt for Fuller Battery. Per can. 35c

4-M-10571. Jars for Fuller Battery.22c

4-M-10573. Carbon for Fuller Battery.50c

4-M-10575. Covers for Fuller Battery.9c

4-M-10577. Porous cups for Fuller Battery.22c

4-M-10579. Zinc for Fuller Battery.60c

THIRD RAIL DRY BATTERIES.

4-P-10510. For any kind of open circuit work, a battery of medium internal resistance and long life. Especially desirable for door bells, telephones, annunciators, medical batteries, call bells and can also be used for ignition work. Current from 18 to 22 amperes. Size 2½ inches in diameter; 6½ inches high. Weight 2 pounds. Per dozen. \$3.25. Each.25c

"HI-UP" DRY BATTERIES.

Designed especially for ignition work. Low internal resistance intended for the severest work under which an open circuit dry battery will qualify. Suitable for automobiles, motor boats, gasoline engines, small incandescent lights, small motors. Will test from 25 to 80 amperes.

4-P-10521. Size 2½x6½ ins. Each.39c

4-P-10523. Size 3 x7½ ins. Each.55c

4-P-10525. Size 3½x8½ ins. Each.75c

ELECTRIC ALARM CLOCKS



These outfits are a sure cure for over-sleeping. Electric bell will ring until switch is turned off or connected attachment is disconnected, which means get-up.

The Clock is wound and set at the desired waking hour, the switch is turned on and the electric bell will ring as soon as the time indicated by the alarm hand is reached.

Outfit 4-M-10588 is ready for instant use. Each one is mounted on a polished wood base containing a dry battery. Has electric bell attached on the back.

Outfit 4-M-10588 is arranged so that the clock movement will throw electric bell in circuit which will run until switch is turned off.

We furnish the clock only, the switch and bell can be purchased separately. The switch and bell can be placed near the bed and the clock may remain on the table or elsewhere.

4-M-10588. Electric Alarm Clock outfit complete shipping weight 5 1/2 lbs.\$2.95
4-M-10588. Electric Alarm Clock only, postage 32c. Price.....\$1.50



EDISON PORCELAIN CLEAT RECEPTACLE.

4-C-10671. Edison Chain Porcelain receptacle. Price, each.6c

EDISON PLUG CUT-OUTS

Approved for use of circuits up to 225 volts. Fitted with screw contacts, requiring no solder.

4-P-10620. 30 Amp. single pole main line Edison plug cut-out.9c
4-P-10621. 30 Amp. double pole single branch Edison plug cut-out.15c
4-P-10623. 30 Amp. double pole double branch Edison plug cut-out.27c
4-P-10625. 30 Amp. 3 wire to 2 wire double branch Edison plug cut-out.28c

EDISON FUSE PLUGS.

Used in connection with Edison Plug Cut-outs.
4-P-10627. 3 Amp. Edison Plug Fuses.5c
4-P-10629. 6 Amp. Edison Plug Fuses.5c
4-P-10631. 10 Amp. Edison Plug Fuses.5c
4-P-10633. 12 Amp. Edison Plug Fuses.5c
4-P-10635. 15 Amp. Edison Plug Fuses.5c
4-P-10637. 20 Amp. Edison Plug Fuses.5c
4-P-10639. 25 Amp. Edison Plug Fuses.5c
4-P-10641. 30 Amp. Edison Plug Fuses.5c

COMBINATION SWITCH AND CUT-OUT

The National Board of Fire Underwriters requires that when a surface wire enters a building a main cut-off switch and also a main fuse must be installed in order to be able to cut off all current in the building by throwing the entrance switch in case of fire.

We recommend their use as motor switches. Edison Fuse Plugs up to 30 Amperes can be used in connection with this switch.

4-P-10643. 125 Volt, 25 Amp. Double Pole Combination Switch and Cut-Out.48c
4-P-10644. 250 Volt, 25 Amp. Double Pole Combination Switch and Cut-Out.55c
4-P-10645. 250 Volt, 25 Amp. Triple Pole Combination Switch and Cut-Out.70c

PORCELAIN CEILING ROSETTES.

Used as light outlets in interior wiring.

Made in two pieces, based and capped.

4-P-10647. Porcelain Ceiling Rosettes. Cleat style.11c
4-P-10648. Porcelain Ceiling Rosettes. Concealed type. Price, each.11c

SPLIT PORCELAIN KNOBS.

National Code Standard. 1-inch from groove to base. Saves wire, time and labor of tying.

4-C-10650. For No. 10 B. & S. Gauge Wire and Smaller.

Per 100\$2.25
Per dozen25

4-C-10651. For Nos. 4 to 8 B. & S. gauge wire.

Per 100\$2.97
Per dozen30

PORCELAIN WEATHER PROOF SOCKETS.

4-P-10653. Porcelain Weather Proof Sockets. Plain, without wood. Each socket fitted with 8 inches of No. 14 B. & S. stranded rubber covered wire. Price, each.16c

4-P-10685. For controlling electroliers, ceiling clusters and other fixtures that are out of reach and not connected with wall switch. This Switch is attached by means of lamp cord to the fixture, and the current is shut off and on by pushing button. Underwriters' rating 6 amperes, 125 volts; 3 amperes, 250 volts.

Each.....52c
Price, each, in lots of five or more.48c

RECEPTACLE PLUG CLUSTERS

Used in connection with Edison Base Sockets, making it possible to increase the number of lights or take off connections for extensions. For fans, motors, etc.

4-P-10687. Two Light Cluster.80c
4-P-10688. Three Light Cluster.90c
4-P-10689. Four Light Cluster.\$1.30

INDICATING SNAP SWITCHES.

Used in connection with electric lighting work.

4-P-10691. 5-Amp. Single Pole, 220 Volt Indicating Snap Switch.28c
4-P-10693. 10-Amp. Double Pole, 220 Volt Indicating Snap Switch.49c
4-P-10695. 20-Amp. Double Pole, 220 Volt Indicating Snap Switch.79c
4-P-10697. 30-Amp. Double Pole, 220 Volt Indicating Snap Switch.80c

PORCELAIN BASE WALL SOCKETS.

Edison Base Porcelain Wall Sockets. Brass cap and removable ring.

4-C-10673. Edison Base Key Wall Socket.28c
4-C-10674. Edison Base Keyless Wall Socket.28c

Write Us For Paint Information

155

HARRIS FLUSH SWITCH PUSH BUTTON PLATE.

Made of heavy solid brass. Neatly finished. Fit all standard push buttons. Flush switches.

1 Gang 2 Gang 3 Gang
4-M-20061 9c 18c 27c

PORCELAIN TUBES

Length under head. 1 1/2 2 2 1/2 3 4 5 6
4-C-10692. Per 100.
12 and 14 wire.\$0.45 .47 .51 .58 .98 1.12 1.39
4-C-10696. Per 100.
6, 8 and 10 wire.\$0.56 .84 1.05 1.26 1.63

4-C-10698. Two Wire Porcelain Cleat. For Nos. 12 and 14 B. & S. Gauge Rubber Covered Wire.

Price, per 100.\$1.59
Price, per dozen.15

4-C-10699. Two Wire Porcelain Cleat. For Nos. 6 to 10 B. & S. Gauge Rubber Covered Wire.

Per 100\$2.96
Per dozen25

RUBBER COVERED WIRE

Rubber covered, solid conductor Copper Wire. Single braided with standard cotton yarn, which is thoroughly saturated with a pure wax compound, having a high melting power and is smoothly and evenly finished.

Prices of rubber covered wire are subject to market changes.

B. & S. Price per Price
Gauge 1,000 ft. 100 ft.

4-P-10691.14 \$14.85 1.65
4-P-10693.12 18.00 2.00
4-P-10695.10 23.40 2.60
4-P-10697.8 31.05 3.45
4-P-10699.6 49.60 5.40

WEATHERPROOF WIRE

Triple Braid, solid conductor; the wires are covered with three closely woven braids of cotton thoroughly saturated with a black weatherproof compound. Prices subject to market changes.

B. & S. Price Price
Gauge per 1,000 ft. per 100 ft.

4-P-10610.14 \$12.60 1.40
4-P-10612.12 19.95 1.55
4-P-10614.10 20.70 2.30
4-P-10616.8 29.70 3.30
4-P-10618.6 44.55 4.95

CIRCULAR LOOM CONDUIT

A flexible conduit of high insulating qualities, used in protection of wires from effects of weather, moisture, heat or abrasion.

Catalog No. Size B. & S. Gauge For Wire B. & S. Gauge Price per foot

4-P-10626.1/2 inch 8 to 14 4c

LAMP CORD

Cotton Covered Lamp Cord. Composed of two twisted conductors and used for light extensions, drop lights, fans, etc.

B. & S. Price per Price
Gauge 1,000 ft. 100 ft.

4-C-10611.20 \$16.20 1.80
4-C-10613.18 18.90 2.10
4-C-10615.16 24.30 2.70

SILK COVERED LAMP CORD

B. & S. Price per Price
Gauge 1,000 ft. 100 ft.

4-C-10617.18 \$23.40 2.60
4-C-10619.16 34.00 3.78

WOOD MOULDING AND CAP.

Made to comply with the Board of Fire Underwriters' Rules. Selected hardwood. Price includes moulding and cap.

4-C-10678. Two Groove for 12 and 14 gauge wire. Per 100 feet.\$3.00

4-P-10680. Three Groove for 12 and 14 gauge wire. Per 100 feet.\$4.20

4-P-10681. Three Groove for 8 and 10 gauge wire. Per 100 feet.\$4.60

PORCELAIN CEILING BUTTONS.

For use in place of ceiling Rosettes. Made in one piece.

4-P-10683. Self-Tying Type.8c

HARRIS BROTHERS CO.
35th and Iron Streets, Chicago.

VOLT AND AMMETERS.

These instruments are about the same size as a watch and are made with the same care. They are carefully calibrated and are used for battery testing.

4-M-10591. Ever ready voltmeters. Reads 0 to 12 volts.\$1.25

4-M-10593. Ever ready ammeters. Reads 0 to 30 amperes.\$1.00

4-M-10595. Ever ready combined voltmeters. Two scales, registering either voltage or amperage. Reads 0 to 1 1/2 volts and 0 to 35 amperes.\$1.50



TUNGSTEN LAMPS

These lamps consume one-third the current used by ordinary carbon lamps of equal power. On account of Tungsten Metal being very easily broken by rough handling, we cannot guarantee sale delivery or replace Tungsten lamps shipped by mail.

Frosted Bottom Tungsten Lamps

4-K-8001. 40-watt. 26c

Each.26c
Price, each, in lots of 100.24c

4-K-8002. 25-watt. 26c

Each.26c
Price, each, in lots of 100.24c

4-K-8007. 60-watt. 35c

Each.35c
Price, each, in lots of 60.33c

4-K-8008. 100-watt. 61c

Each.61c
Price, each, in lots of 24.67c

Clear Glass Tungsten Lamps

4-K-8003. 40-watt. 24c

Each.24c
Price, each, in lots of 100.22c

4-K-8004. 25-watt. 24c

Each.24c
Price, each, in lots of 100.22c

4-K-8005. 60-watt. 32c

Each.32c
Price, each, in lots of 60.30c

4-K-8006. 100-watt. 56c

Each.56c
Price, each, in lots of 24.54c

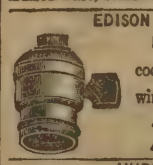
WEATHER PROOF PORCELAIN SOCKETS WITH HOOD.

4-C-10678. The Extension Edge or Hood Carries the drip away from the lamp and socket. Method of wiring at the top removes the strain of socket itself and places it on the porcelain. Extra hole in porcelain at top allows extension by cord, if desired. Each socket fitted with 8 inches of No. 14 B. & S. stranded rubber covered wire.28c



ATTACHMENT PLUGS.

4-C-10677. Attachment Plugs. Will fit any standard Edison Base Socket and are used to run extension light lines from the nearest socket, making it possible to extend light into otherwise inaccessible parts. Also used for connecting electric fans, motors, etc., that can be operated from the lighting circuit. Edison Base, brass cap, fuseless.13c



EDISON BASE STANDARD SOCKETS.

Polished Brass Shell Fiber Lined. National code standard. 1/2 inch bushing for standard wiring.

4-C-10622 Edison Base Key Socket.12c
4-C-10624. Edison Base Keyless Socket 18c

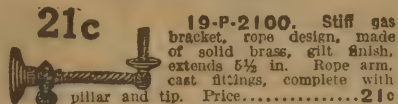
HUBBELL PULL SOCKET.

4-P-10689. Can be used in place of an ordinary socket for outlet by means of pull chain, which is within easy reach and is a decided convenience over the key socket. This is a feature that will be appreciated by those whose chandeliers are too high to be easily reached. They are also especially desirable for use on portable and desk lamps. Furnished only in the Edison base with chain 8 inches long. Price, each.42c



Gas Brackets, Illuminating Goods and Supplies

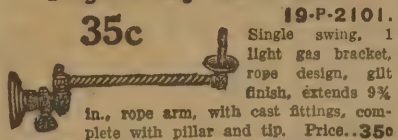
Stiff Gas Bracket



21c

19-P-2100. Stiff gas bracket, rope design, made of solid brass, gilt finish, extends 6 1/2 in. Rope arm, cast fittings, complete with pillar and tip. Price.....21c

Single Swing Gas Bracket

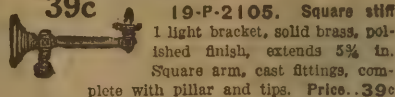


35c

19-P-2101. Single swing, 1 light gas bracket, rope design, gilt finish, extends 9 3/4 in., rope arm, with cast fittings, complete with pillar and tip. Price.....35c

All our gas fixtures and fittings are made of solid brass and finished in brushed brass, or copper or polished brass, as desired. We furnish only a dependable quality, always at lowest possible prices. All tubing is made of solid brass (not steel), and everything is sold under quality the best, or can be returned at our expense if not what you expected. Our Acetylene burners are the best. In ordering fixtures for the Acetylene gas lights it is necessary to order Acetylene burners, illustrated on this page.

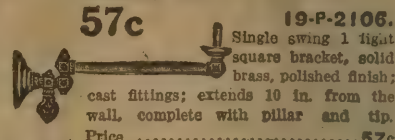
Stiff Square Bracket



39c

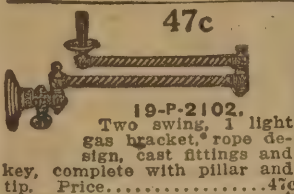
19-P-2105. Square stiff 1 light bracket, solid brass, polished finish, extends 5 1/2 in. Square arm, cast fittings, complete with pillar and tips. Price.....39c

Swinging Square Bracket



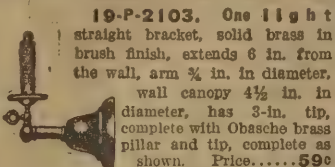
57c

19-P-2106. Single swing 1 light square bracket, solid brass, polished finish; cast fittings; extends 10 in. from the wall, complete with pillar and tip. Price.....57c



47c

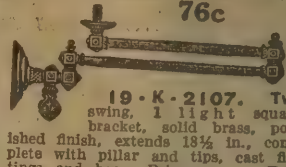
19-P-2102. Two swing, 1 light gas bracket, rope design, cast fittings and key, complete with pillar and tip. Price.....47c



19-P-2103. One light straight bracket, solid brass in brush finish, extends 6 in. from the wall, arm 3/4 in. in diameter, wall canopy 4 1/2 in. in diameter, has 3-in. tip, complete with Obasche brass pillar and tip, complete as shown. Price.....59c



19-P-2104. Square 1 light Colonial gas bracket, genuine brass in brush (Satin) finish, extends 6 in. from wall, arm 3/4 in. in diameter, square wall canopy 4 1/2 in. in diameter, square cast key, 4 in. ring, pillar and tip, square Crittford gas shade. Complete as illustrated.....\$1.12 Without glass ware.....72c



76c

19-K-2107. Two swing, 1 light square bracket, solid brass, polished finish, extends 18 1/2 in., complete with pillar and tips, cast fittings and key. Price.....76c

Pillars and Tips for Gas and Acetylene Gas Fixtures



In using our gas fittings for acetylene lighting, it is necessary to use acetylene burners in place of common burners. We carry only the best Alco DeLuxe pillars. There is no better acetylene burner made. 19-K-2108. Any size from 1/2 to 1 1/2 ft. per hour. each.....1.20 Per 1/2 dozen.....69c



19-K-2109. Solid brass standard size cast pillars with Lava tip. Price, each.....2c 6 for.....10c



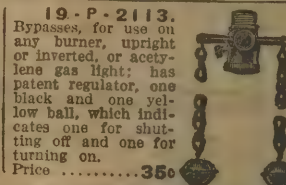
19-K-2110. Lava gas tips, each.....1c Per dozen.....10c



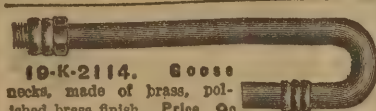
19-K-2111. Aluminum gas tips, each.....3c



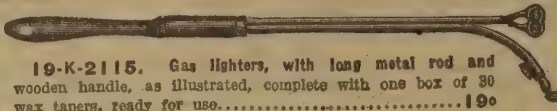
19-K-2112. Jumbo gas pillar and tip, extra, large, bright light, complete.....10c



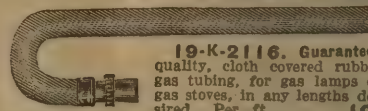
19-P-2113. Bypasses, for use on any burner, upright or inverted, or acetylene gas light; has patent regulator, one black and one yellow ball, which indicates one for shutting off and one for turning on. Price.....35c



19-K-2114. Goose necks, made of brass, polished brass finish. Price.....9c



19-K-2115. Gas lighters, with long metal rod and wooden handle, as illustrated, complete with one box of 30 wax tapers, ready for use.....19c



19-K-2116. Guaranteed quality, cloth covered rubber gas tubing, for gas lamps or gas stoves, in any lengths desired. Per ft.....10c

Upright Gas Burners



19-K-2117. Incandescent gas burners for upright gas mantels, made of solid brass, with adjustable regulator. Price.....25c



19-K-2118. Genuine Welshbach intense burners, for all upright mantels, made of solid brass. The best burner made. Each.....35c

Upright and Inverted Mantels



19-K-2119. Gas mantels on magnesite ring for inverted lights, 100 candle power. Per 1/2 dozen.....87c



19-K-2120. Diamond worn gas mantels, regulation size, give full 100 candle power light. Excellent for long service and continuous wear. Per 1/2 dozen.....85c



19-K-2121. Imported World mantels, extra large 4 1/2 in. size, will fit any light, upright or inverted, extra strong quadruple weave, gives full 300 candle power light. Per 1/2 dozen.....\$1.50

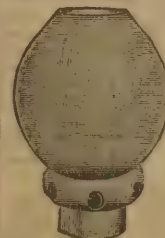
Inverted Gas Burners



19-P-2122. Inverted gas burner with patent spring, with patent adjustable gas and air regulator. Made of solid brass. Will greatly reduce your gas bill.....45c



19-K-2123. Inverted gas burner, made of solid brass, with adjustable regulating air shaft, screw shade holder and separating Bunson.....27c



No. 19-K-2124. Imported Jena Q globe made of the best quality lead blown glass, extra strong and well made. 9c each, or per 1/2 dozen.....50c



19-K-2125. Mica non-breakable chimney, for upright light, strong and well made. Each.....25c

No. 19-K-2126. Home Comfort

Heater, made with large steel pan, and best Bunson burner, ideal for heating a small room, easily adjusted to any gas burner and has patent regulating air shaft. Complete.....75c

Complete Amber Light

BIG VALUE

75c



The Ideal Light for Home Use

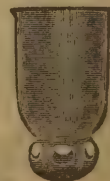
Use for Artificial or Natural Gas Only

No. 19-K-2127. World famous amber light. Known everywhere for the soft amber color light they produce. Recommended by oculists as the only light on the market that will not injure the eyes, the light comprises one strong intense burner, with 150-candlepower mantle, 10-in. shade and chimney. Price complete.75c

For Artificial or Natural Gas



19-P-2128. Pilot light, made of solid brass, with patent adjustable regulator for bath-room, hall or bedroom, one continuous light, not necessary to be continually using matches.....35c



19-K-2129. Inverted gas globe are absolutely necessary for inverted lights. Per 1/2 dozen, \$1.00



19-K-2130. Inverted lights, completed with solid brass burner, bypass, inner globe and opalescent globe. Full 150 candle power mantle, complete light as illustrated. Price.....\$1.49

Gas, Electric—DOMES AND FIXTURES—Combination

All fixtures illustrated and listed on this page are furnished either in artificial, natural or acetylene gas, electric or combination gas and electric. They are furnished in brush brass or oxidized copper finish. Electric fixtures are furnished with chains, while all the gas fixtures or combination gas and electric fixtures are furnished with stems. They come wired, complete, ready for installation. All domes are furnished with ceiling plates and if for electricity are furnished complete with sockets, cord and crow feet, for gas they are furnished with inverted burners, mantles and glassware. In ordering domes for natural or acetylene gas, it is necessary to call our attention to the kind wanted.



\$5.95

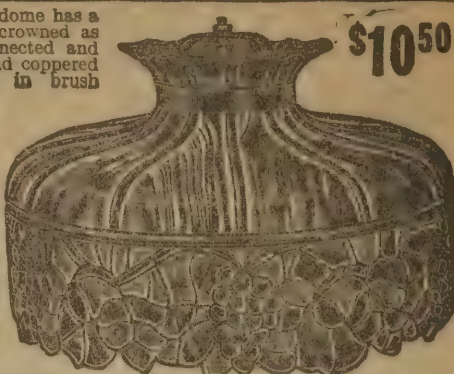
A BEAUTIFUL 20-INCH HEXAGONAL MOSAIC DOME, made of selected art glass in three shades—amber green, amber or green. No idea of its rich beauty can be conceived from either the description or the illustration but we guarantee it to surprise the most expectant with its quality and elegance. Remember—the regular retail price is \$18.00 or more.

All connections are of brush brass, put together by hand and lacquered to prevent tarnishing. Furnished for either gas or electricity. Complete as described above. The diamond border is of rose colored mosaic art glass. Shipping weight about 55 lbs.

19-J-7601.	One light, Gas	5.95
19-J-7602.	One light, Electric	6.95
19-J-7603.	Two lights, Electric	6.48
19-J-7604.	Three lights, Electric	6.89
19-J-7605.	Combination fixture. Three lights inside. Two gas lights outside.	7.95

This 24-inch dome has a 12 panel top, crowned as shown. Connected and bound with hand coppered strips, finished in brush brass. We show but one of several borders—a magnificent, realistic grape design. Different borders can also be furnished, water lily, rose bouquet, rose and leaf or poinsettia design. Be sure to specify pattern preferred. Completely equipped as described above, for either gas or electricity. All mosaic work is inlaid by hand in copper or brass. We have a few illustrations of this in actual colors but advise you to place your order as you positively cannot be disappointed. Exclusive dealers ask \$50.00 or more for the same article. Shipping weight about 80 lbs.

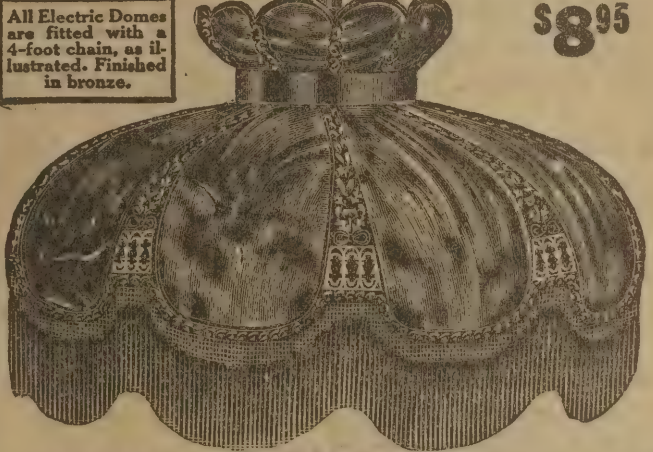
19-P-7606.	One light, for Gas	10.50
19-J-7607.	Three light, Electric	10.50
19-J-7608.	Combination, Three Electric lights inside, two Gas lights outside.	12.50



\$4.49

A very attractive dome, complete as described above. The largest and handsomest ever offered for \$10.00. 16-in. square. Ornamented with a heavy 4-inch beaded glass fringe. Three shades; 5-tone amber, 5-tone green and 5-tone amber green. Specify color desired. Edges and crown are bound with brush brass.

19-P-7609.	One light, Gas	\$4.49
19-P-7610.	One light, Elec.	\$4.49



\$8.95

ONE OF THE HANDSOMEST DOMES EVER DESIGNED. The ten-panel top is divided by relief and filigree carvings in brass brush finish to harmonize with the binding iron, chain, etc. Great beauty is afforded by the 4 1/2-inch tube fringe all around which is beaded at the top. The illustration can give no adequate idea of the exquisite richness, softness, or the wondrous mellowing effect one of these domes will give to any home.

Furnished in three colors: 5-tone amber, 5-tone amber green and 5-tone green. Be sure to state color desired when ordering. Full length of the chain is not shown in the illustration. When ordering for gas, chain is supplemented by a brass encased tube. Shipping weight, about 85 lbs. Would be a big bargain at \$27.50.

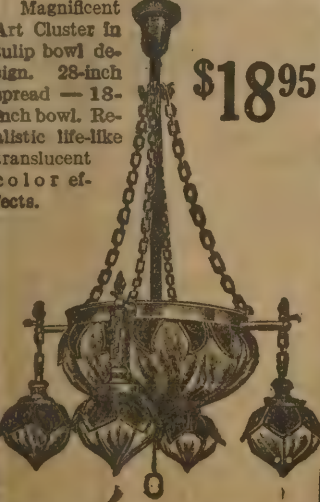
19-P-7611.	Equipped for Gas, as described at the top of page.	\$8.95
19-P-7612.	Three light, Electric	8.95



\$4.95

A 12-inch portable complete. Beautifully mottled crown. Entirely hand made. Beautifully blended 3-tone amber, green or amber green shade as preferred. Elegant stand. Shade is bound in brush finished brass and has 4-inch beaded fringe all around. Height, 22 inches. Shipping weight, 40 lbs.

19-P-7613.	1 light, Gas	\$4.95
19-P-7614.	One light, Elec.	\$4.95



\$18.95

Magnificent Art Cluster in tulip bowl design. 28-inch spread—18-inch bowl. Realistic life-like translucent color effects.

19-P-7615.	Three electric and three gas lights outside two electric inside.	\$18.95
19-P-7616.	As shown. Four electric and four gas lights outside. Two electric lights inside.	\$18.95

HARRIS BROTHERS CO.
15th and Iron Streets, Chicago.



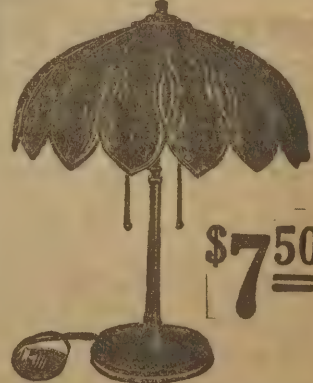
\$14.50

For those who appreciate the highest mosaic art work, we offer this beautiful portable with 18-inch shade. One of the handsomest lamps procurable and one which would cost three times our price if purchased in the regular way. No illustration or description can afford any accurate idea of the exquisite and realistic colorings. The tones of the various pieces of glass are artistically placed and copper fastened entirely by hand. The top is in a refined briquet effect. The border is a rose pattern as shown.

We also have these lamps with cherry and Japanese fan border designs. Specify which you prefer when ordering. The stand itself is extra heavy and beautifully ornamented in antique copper effect. Great care is used in packing to assure safe arrival. Shipping weight about 45 lbs. Furnished complete with sockets, drop cord, chain, pulls, etc.

19-J-7617.	Portable, 3-light elec.	\$14.50
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Don't You Need a Nice Rug? Ask for Our Rug Catalog 157



\$7.50

Dainty 18-inch tulip shade, portable lamp, 22 inches high. Colors are rose, green and amber. Indescribably and deftly blended. 8-inch stand, oxidized brush brass. State predominating color.

19-J-7618.	One light, Gas	\$7.50
19-J-7619.	Two light, Elec.	7.95

HIGH GRADE WINDOW SHADES

Each Shade is Wrapped Separately ready for Hanging, Complete with Brackets, Nails and Slats

ALWAYS ALLOW about 6 inches from lengths of all shades quoted. For instance a 3x6 foot shade is cut 6 feet long before being mounted, hemming and mounting take up about 6 inches, therefore, a 6 foot shade will measure a trifle over 6 1/2 feet. All shades are quoted ready to hang.

REGULAR SIZES of window shades are 36 inches wide by six feet long and seven feet long before mounting. All other sizes are **special** and must be made to order and will take from 3 to 5 days. All window shades made to order are not returnable if made as ordered.

PLAIN OPAQUE WINDOW SHADES.



24-P-100. Plain Water Color Opaque Window Shades. Mounted on patent spring rollers. Made plain without fringe or lace. Colors, light olive, pea green, terra cotta, dark green, light buff, dark olive, slate or white. **Always state color desired.** Size, 3x6 feet (manufacturer's measurement). **32c**
Price, each.....
Per doz.....\$3.75
24-P-102. Plain Water Color Opaque Window Shades, same as above, but cut down less than 3 feet wide. **34c**
Price, each.....
Per doz.....\$3.98
24-P-104 Plain Opaque Shades, same quality and colors as above. Size, 3x7 feet (manufacturer's measurement). **38c**
Price, each.....
Per doz.....\$4.25
24-P-106. Same as 24-P-104, cut down to less than 3 feet wide **40c**
Price, each.....
Per doz.....\$4.60
24-P-108. Plain Water Color Opaque Window Shades. Exactly same quality as above. Size, 3x8 feet. **46c**
Price, each.....
Per doz.....\$5.25

OIL OPAQUE WINDOW SHADES.

24-P-110. Plain Opaque Shades. Made from very best grade oil opaque, and mounted on patent spring rollers. Plain, without fringe or lace. Colors, same as 24-P-100. **Always state color wanted.** Size, 3x6 feet. **44c**
Price, each.....
Per doz.....\$5.00
24-P-112. Plain Opaque Shades. Same as above, cut down to less than 3 feet wide. **46c**
Price, each.....
Per doz.....\$5.25
24-P-114. Plain Opaque Shades. Same quality as 24-P-110, but 3x7 feet. **49c**
Price, per dozen, \$5.75. Each.....
24-P-116 Same as 24-P-114, but cut down to less than 3 feet wide. Price, each.....
Per doz.....\$6.00
24-P-118. Plain Opaque Shades. Same quality as 24-P-110, but 3x8 feet. Price, each.....
Per doz.....\$6.75

Following are prices on the above shades made to order in the following widths and 7 feet long. Hand made. Highest Grade Spring Rollers.

24-P-120. Over 38 inches wide up to 42 inches wide. Price, each **\$1.10**
Price, per dozen.....\$12.00
Over 42 inches wide up to 45 inches wide. Price, each.....\$1.25
Price, per dozen.....\$14.00
Over 45 inches wide up to 48 inches wide. Price, each.....\$1.35
Price, per dozen.....\$15.00
Over 48 inches wide up to 54 inches wide. Price, each.....\$1.55
Price, per dozen.....\$18.00
Above sizes 8 feet long at 10 cents, each, extra.

BEST QUALITY PLAIN

DUPLEX (DOUBLE FACED) OPAQUE SHADES

Genuine Hand Made. Mounted on Highest Grade Spring Rollers.]

24-P-200. 38 in. by 7 ft. One side dark green, reverse side white. **86c**
Price, each.....
Per doz.....\$9.75
24-P-202. 38 in. by 7 ft. One side dark green, reverse side cream. **86c**
Price, each.....
Per doz.....\$9.75
24-P-204. 38 in. by 7 ft. One side olive green, reverse side white. **86c**
Price, each.....
Per doz.....\$9.75
24-P-206. 38 in. by 7 ft. One side olive green, reverse side cream. **86c**
Price, each.....
Per doz.....\$9.75

For sizes other than above, see 24-B-208.

24-P-208. Special Size Duplex Shades, made to order. If the exact size you wish is not given in the following schedule, the next larger size will be charged, but the shade will be cut the exact size you order.

Colors are: Dark Green and White, Olive Green and Cream, Olive Green and White, Dark Green and Cream.

WIDTH IN INCHES

Length in ft	38	42	45	48	54	63
6	\$0.86	\$1.09	\$1.33	\$1.43	\$1.72	\$2.47
7	.98	1.21	1.55	1.66	1.96	2.81
8	1.15	1.38	1.67	1.78	2.13	3.04
9	1.21	1.50	1.78	2.00	2.35	3.39

BE SURE TO STATE SIZE AND COLOR WANTED.

FRINGED WINDOW SHADES.

24-P-138. Fringed Water Color Opaque Window Shades with very handsome 3 1/2 inch fringe at bottom. Mounted on patent spring rollers. Colors, same as 24-P-100. **Always state color wanted.** Size, 3x6 feet (manufacturer's measurement). **40c**
Price, each.....
Per doz.....\$4.50
24-P-140. Fringe Water Color Opaque Window Shades. Same quality as above, but cut down to less than 3 feet wide. Price, each.....
Per doz.....\$4.80
24-P-142. Fringed Water Color Opaque Window Shades. Same quality as 24-P-138 but 7 feet long. Price, each **46c**
Price, per dozen.....\$5.00
24-P-144. Fringed Water Color Opaque Window Shades. **48c**
Same as 24-P-142 but cut down to less than 3 feet wide. Price, each.....
Per doz.....\$5.25
24-P-146. Fringed Opaque Window Shades. Same as 24-P-142 but size 3x8 feet. Price, each.....
Per doz.....\$5.75



ARTISTIC EFFECT WINDOW SHADES



This is the very newest and most artistic effect in window shades and is only carried by high grade concerns. They are made of extra fine shade material and have hand painted panel exactly as illustrated in illustration. Patent Spring Rollers.

The panel is absolutely fast color and very beautiful, which runs the full width of the shade. Nothing finer or handsomer on the market. Complete with roller ready to hang. We can furnish this shade in Dark Green, Light Green, Terra Cotta, Buff or White. **24-P-186. Size, 36 inches by 6 feet. Each.....63c**
Per dozen.....\$7.00

24-P-188. Size, 36 inches by 7 feet. (Made in one width only).....75c
Per dozen.....\$8.90

SPECIAL SIZE SHADES MADE TO ORDER

HIGHEST GRADE SPRING ROLLERS

FOR STORES, OFFICES AND RESIDENCES. The following shades we make to order from the very best quality hand made oil painted opaque shade cloth. It usually requires about four days to have special size shades made to order. We require the full amount of cash with the order in every instance.

SHADES MADE TO SPECIAL ORDER CANNOT BE RETURNED IF SENT AS ORDERED.

COLOES.—Special size shades are made only in the following colors: Dark green, olive, terra cotta, slate, pea green and light buff.

State whether width you desire is width of cloth or roller measure. Roller measure means from end to end of tips. We quote the width of cloth complete.

24-P-210. Order by number, size and price, and be sure to state color wanted.

Length in feet	WIDTH IN INCHES.										
	38	42	45	48	54	63	72	81	90	102	120
4	\$0.66	\$0.77	\$0.97	\$1.07	\$1.25	\$1.78	\$2.30	\$2.88	\$3.45	\$3.91	\$7.48
5	.75	.89	1.11	1.17	1.43	2.07	2.68	3.16	3.80	4.37	8.46
6	.83	1.00	1.20	1.35	1.56	2.28	2.87	3.45	4.14	4.88	9.14
7	.90	1.10	1.32	1.43	1.72	2.53	3.16	3.80	4.54	5.29	9.85
8	1.00	1.20	1.43	1.56	1.89	2.76	3.39	4.08	4.83	5.75	10.68
9	1.17	1.41	1.66	1.72	2.00	2.99	3.68	4.43	5.18	6.15	11.44
10	1.28	1.58	1.87	1.89	2.19	3.22	3.91	4.83	5.46	6.61	12.08
11	1.34	1.64	1.78	2.00	2.35	3.63	4.14	5.00	5.87	6.45	12.68
12	1.43	1.72	1.84	2.12	2.53	3.86	4.42	5.29	6.21	8.92	13.62

DON'T FAIL TO GIVE SIZE AND COLOR WANTED.

HARRIS BROTHERS CO.
85th & Iron Streets, Chicago.

STRUCTURAL STEEL WORK

Over 10,000 Tons of Plain and Fabricated Steel and Builders' Iron Work in Stock for Immediate Delivery

Our Stock We have on hand at all times an immense stock of Structural Steel and Builders' Iron Work of every description. "I" Beams, Channels, Tees, "Z" Bars, Cast Iron Columns, Tubular Steel Columns, Truss Rods, Joists, Anchors, and Hangers, Sidewalk and Coal Hole Covers. No matter what your wants are, we can supply them and always at money saving prices.

Save Money We quote lower prices than any other concern on earth on Structural Steel. When writing us for prices be sure and state the quantity and size of each item needed and if there is any work to be done on the material, give us a blue print or a sketch showing exact location of cutting, punching or framing of each item.

We want your trade and it will pay you to send us your inquiry before buying elsewhere, as we will name attractive prices that will secure your order.

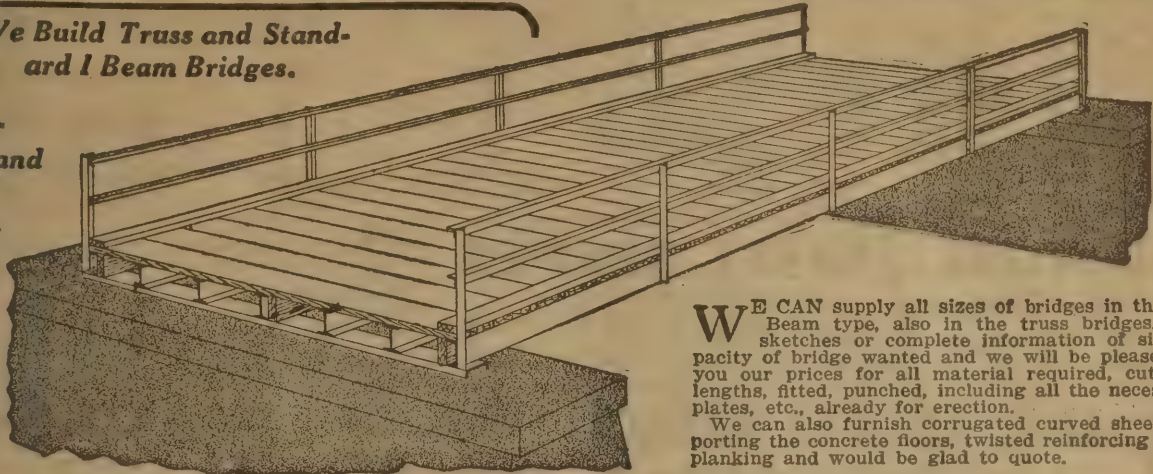
Prompt Shipment

We have just erected a large steel building, 500 feet long by 80 feet wide, most of which is devoted to fabricating Structural Steel. We can furnish on short notice Trusses of every description, Steel Bridges, up to 40 feet span and one story fire-proof Steel Buildings up to 60 ft. x 150 ft. long.

All shipments made promptly consistent with extreme care, and high grade workmanship in accurately filling orders.

We Build Truss and Standard I Beam Bridges.

Get our Prices and Save Money.



WE CAN supply all sizes of bridges in the plain "I" Beam type, also in the truss bridges. Send us sketches or complete information of size and capacity of bridge wanted and we will be pleased to quote you our prices for all material required, cut to proper lengths, fitted, punched, including all the necessary bolts, plates, etc., already for erection.

We can also furnish corrugated curved sheets for supporting the concrete floors, twisted reinforcing bars, wood planking and would be glad to quote.

Be sure and state the width, length and heaviest loads it will have to carry

STEEL TRUSSES

We save you 30 to 50 per cent on Steel Trusses of all designs

We fabricate these Trusses in our own structural shop and with our immense facilities will give your orders careful and prompt attention.

When writing for prices on Steel Trusses, be sure to state the extreme width of building, height of Truss, style of Truss and kind of roofing you intend using. Also state the number of trusses you wish.

**STYLE 18-K-503
FINK TRUSS**

"HOWE" TRUSS

**Style
18-K-500**

"CRESCENT" TRUSS

**Style
18-K-501**

For Prices On Trusses

We need following information to quote intelligently on Steel Trusses: When asking for prices kindly give us the extreme width of your building, the pitch of your roof; state whether you intend to use steel or wood purlins and what material will be used for covering of roof. Should a design differing from any of our illustrations be desired, we will be pleased to quote prices.

STEEL GIRDERS:

We fabricate any of the Girders shown below. When writing for prices please send sketch, stating the height, length, style and quantity of Girders required. The workmanship is of the highest character, material the best and our prices will bring your trade.



Style A. Above Girder is made of 2-"I" Beams with Bolts and Separators.

Style B. Composed of 2-"I" Beams and 1 Channel with Bolts and Separators.

Style C. Made of 1-"I" Beam and 1 Channel and angle riveted as shown with Bolts and Separators.

Style D. Made of 1 Channel and angle bolted to lower outside of channel. Used over doors and windows.

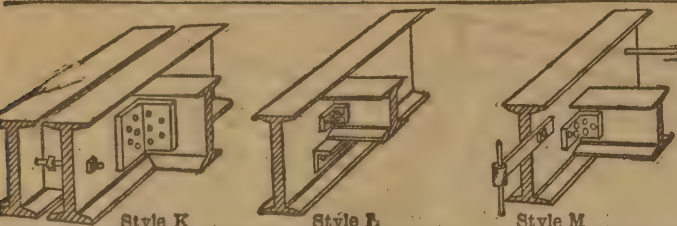


Style E.

Style E. Girder is composed of 2-"I" Beams of uniform size provided with bolts, separators, rosettes and beam blocks. Used to carry brick work on store fronts.

Merchants Steel Bars.

We carry a large stock of round square and flat steel bars. Also Twisted bars for concrete workers. For prices, state quantity, size, shape and length.

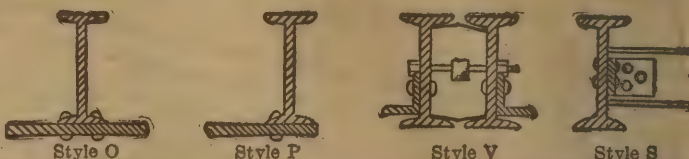


Style K

Style L

Style M

ILLUSTRATIONS OF THE FRAMING OF BEAMS AND GIRDERS TO CARRY FLOORS



Style O

Style P

Style V

Style S

STRUCTURAL STEEL SHAPES

Steel "I" Beams

Illustration shows "I" Beams which are made in standard sizes, ranging from 3 to 24 in. high.



Steel Channels

Cut shows Steel Channels, which are made in standard sizes ranging from 3 to 15 in. high.



Cut to any length desired. When writing for prices on Structural Steel Shapes, please state quantity, pattern, size and length.

Steel Angles.

Illustration shows Angle Steel, made with equal and unequal legs, ranging from 1x1 to 8 x 8 in.



Steel Tees

Cut shows Steel Tees made with equal and unequal legs, ranging from 1x1 to 4x4 in.



No. 18-A-21.

STEEL TUBULAR COLUMNS

"A New Feature in Steel Columns."

To meet the growing demand for a low priced Steel Tubular Column, we are now prepared to furnish a column of this kind, which will meet with the most varied requirements.

We furnish these columns made of Standard Pipe, also of Light Tubing.

HOW TO GAIN ADDITIONAL STRENGTH.

The columns made of light tubing are generally used, where it is intended to fill them with concrete. Any column can be filled with concrete at a very small expense and when so filled they are stronger than any cast iron column of the same size.

The standard pipe columns can be treated in a like manner, although where it is intended that they be filled with concrete, we recommend using the light tubular columns, which are less expensive and will answer just as well as the pipe columns under these conditions.

The light tubular columns are very desirable where a light load is to be carried and in such an event it is not necessary to fill them with concrete.

SPECIAL CAPS AND BASES.

In connection with these columns we can furnish special recessed cast iron caps and bases. These caps and bases are made of 1/2 inch and 1 inch thick cast iron plates, on which there is ring cast, forming a recess, into which the ends of the column rest, forming a very satisfactory and substantial bearing.

NOTE. Contractors and architects should keep in mind these columns as it means a big saving in both first cost and freight.

Price quoted on Columns does not include Caps and

Cap and Base. Bases.

No. 18-B-22.

No. 18-B-21A.

STD. PIPE COLUMNS.

No. 18-B-21B.

USED TUBULAR COLUMNS.

Inside Diam.	Outside Diam.	Weight per ft.	Price per ft.
3 in.	3 1/2 in.	7 1/2 lbs.	\$0.19
3 1/2 in.	4 in.	9 lbs.	.25
4 in.	4 1/2 in.	10 1/2 lbs.	.30
5 in.	5 1/2 in.	14 1/2 lbs.	.35
6 in.	6 1/2 in.	18 1/2 lbs.	.50
8 in.	8 1/2 in.	28 lbs.	.75

Inside Diam.	Outside Diam.	Weight per ft.	Price per ft.
2 1/2 in.	3 in.	3 1/2 lbs.	\$0.13
3 1/2 in.	3 1/2 in.	3 1/2 lbs.	.14
3 1/2 in.	4 in.	5 1/2 lbs.	.16
5 1/2 in.	6 in.	10 lbs.	.30

SPECIAL RECESSED CAPS AND BASES FOR TUBULAR COLUMNS.

DESCRIPTION.	Size of Plates	Price Per Set.
A set consists of two recessed plates as described.		
For 3 in. Standard Pipe and for 3 1/2 in. O. D. Casing..	7x7x1/2	\$0.30
For 3 1/2 in. Standard Pipe and for 4 in. O. D. Casing..	7x7x1/2	.30
For 4 in. Standard Pipe and for 4 1/2 in. O. D. Casing..	8x8x1	1.00
For 6 in. Standard Pipe and for 6 in. O. D. Casing..	10x10x1	1.50
For 8 in. Standard Pipe..	12x12x1	2.00

At times, we have used Pipe Columns at 25% less above price.

NEW CAST IRON COLUMNS



18-B-90.

18-B-91.

18-B-92.

18-B-93.

18-B-94.

We have an immense stock of all sizes and patterns of Cast Iron Columns, both round and square. (See above designs.)

For prices, write quantity, diameter, length and style of column; we will quote low prices for prompt shipment.

SIZES AND PRICES OF CAST IRON COLUMNS.

18-B-90.	5 in. diam.,	1 in. metal cast column, price.....	\$1.00 per foot
18-B-91.	5 in. diam.,	1 in. metal cast column, price.....	1.60 per foot
18-B-92.	5 in. diam.,	1 in. metal cast column, price.....	1.05 per foot
18-B-90.	6 in. diam.,	1 in. metal cast column, price.....	1.45 per foot
18-B-91.	6 in. diam.,	1 in. metal cast column, price.....	1.45 per foot
18-B-92.	6 in. diam.,	1 in. metal cast column, price.....	1.60 per foot
18-B-93.	4 in. face,	1 in. metal, 6 in. deep cast column, price	1.25 per foot
18-B-93.	5 in. face,	1 in. metal, 6 in. deep cast column, price	1.20 per foot
18-B-93.	6 in. face,	1 in. metal, 6 in. deep cast column, price	1.75 per foot
18-B-93.	6 in. face,	1 in. metal, 8 in. deep cast column, price	1.95 per foot

Prices on other sizes upon application.

Send Us Your Plans for Our Estimate on Steel Work.

HARRIS BROTHERS COMPANY
35th and Iron Sts., Chicago

MISCELLANEOUS STEEL PRODUCTS

STANDARD FLUSH HINGE SIDEWALK DOORS

\$30.00



The standard door as illustrated we furnish in size 4 foot by 4 foot, double fold. This door is made of checkered steel plates, $\frac{1}{2}$ of an inch thick with lock bar underneath, all painted one coat. In addition to this style we can furnish any size door desired, single or double, made of rough or smooth rolled plates and with or without guard chain. These doors are provided if so ordered with rack and pinion opening apparatus so that they may be opened to any desired point, the device

automatically locking them in any position.

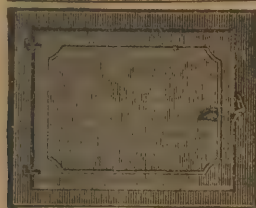
Price for Standard Size Door as illustrated.....**\$30.00**

Prices on other sizes quoted on application.

ASH PIT DOORS

Our Ash Pit Doors are extra heavy cast iron. We use much care in fitting, so that they are absolutely tight. Are finished in black enamel.

Number	Size Opening	Price
1	8x8	\$0.65 Each
2	8x10	.75 Each
3	10x12	1.05 Each
4	10x14	1.20 Each



SIDEWALK COAL HOLE COVERS

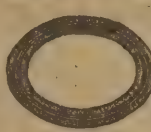
18-B-30. Style M.
Plain Cover, diam.
18 ins. weight, 24
pounds.
Price, each...**\$1.25**



18-B-31. Style N.
Bull's Eye Glazed
covers; 8 lights;
diam. 18 ins. weight,
25 lbs.
Price, each...**\$1.85**



RINGS FOR COAL HOLE COVERS



18-P-32. Style O.
Ring for wood
or stone sidewalk;
outside diameter,
22 ins.; for 18-inch
cover; weight, 13
pounds.
Price, each **1.00**

18-B-33. Style P.
Ring for cement
sidewalk;
outside diameter 22 inches; for 18-inch
cover; weight, 34 pounds
Price,
each.....**\$1.90**



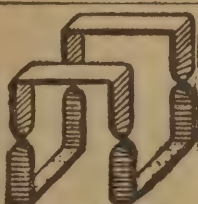
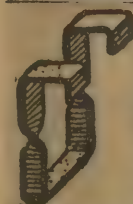
SIDEWALK LIGHTS

18-B-35. Style R. For use over basements; slides; sidewalks, elevators, etc. Send sketch showing opening or area to be covered and we will quote prices.



JOIST HANGERS

Our Steel Joists and Wall Hangers are durable and money savers. For Joists from 2x6 up to 14x18. When writing for prices, state thickness and height of joists to be used, style of hanger and if for wood wall, brick wall or "I" beam headers. Also quantity of each size hangers wanted.

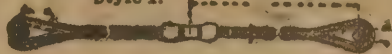


No. 18-K-202

No. 18-K-201

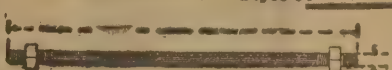
STEEL TRUSS RODS AT BARGAIN PRICES

Style I.



18-B-23. Style I. Lateral rods with welded eyes and turn buckles in center.

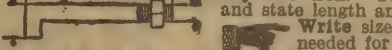
Style J.



18-B-24. Style J. Truss rods threaded on both ends, fitted with nuts, and with turn buckles in the center.



18-B-25. Style K. Plain Rods threaded on both ends, fitted with nuts.

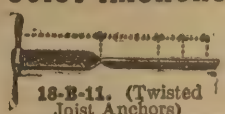


18-B-26. Style L. Anchor Bolts used for foundations, etc., made up in any length and of any size iron. Prices on application. Be sure and state length and diameter of bolt.

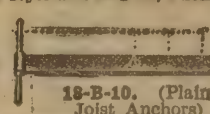
Write size, style and quantity truss rods needed for Bargain Prices.

JOIST ANCHORS

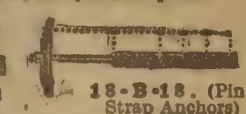
For Prices on Joist Anchors, write us quantity, style and lengths, when we will quote low prices.



18-B-11. (Twisted)
Joist Anchors)



18-B-10. (Plain)
Joist Anchors)




18-B-18. (Pin)
Strap Anchors)

18-B-27. Star Cast Iron Washers. (Write for prices.)

Diameter of Bolts, Inches	1	1 1/2	2
Diameter Washers, Inches	1 1/2	2	2 1/2
Thickness, Inches	1	1 1/2	2



18-B-28. Standard Cast Washers. (Write for prices.)

	Diameter of Bolt	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15	15 1/2	16	16 1/2	17	17 1/2	18	18 1/2	19	19 1/2	20	20 1/2	21	21 1/2	22	22 1/2	23	23 1/2	24	24 1/2	25	25 1/2	26	26 1/2	27	27 1/2	28	28 1/2	29	29 1/2	30	30 1/2	31	31 1/2	32	32 1/2	33	33 1/2	34	34 1/2	35	35 1/2	36	36 1/2	37	37 1/2	38	38 1/2	39	39 1/2	40	40 1/2	41	41 1/2	42	42 1/2	43	43 1/2	44	44 1/2	45	45 1/2	46	46 1/2	47	47 1/2	48	48 1/2	49	49 1/2	50	50 1/2	51	51 1/2	52	52 1/2	53	53 1/2	54	54 1/2	55	55 1/2	56	56 1/2	57	57 1/2	58	58 1/2	59	59 1/2	60	60 1/2	61	61 1/2	62	62 1/2	63	63 1/2	64	64 1/2	65	65 1/2	66	66 1/2	67	67 1/2	68	68 1/2	69	69 1/2	70	70 1/2	71	71 1/2	72	72 1/2	73	73 1/2	74	74 1/2	75	75 1/2	76	76 1/2	77	77 1/2	78	78 1/2	79	79 1/2	80	80 1/2	81	81 1/2	82	82 1/2	83	83 1/2	84	84 1/2	85	85 1/2	86	86 1/2	87	87 1/2	88	88 1/2	89	89 1/2	90	90 1/2	91	91 1/2	92	92 1/2	93	93 1/2	94	94 1/2	95	95 1/2	96	96 1/2	97	97 1/2	98	98 1/2	99	99 1/2	100	100 1/2	101	101 1/2	102	102 1/2	103	103 1/2	104	104 1/2	105	105 1/2	106	106 1/2	107	107 1/2	108	108 1/2	109	109 1/2	110	110 1/2	111	111 1/2	112	112 1/2	113	113 1/2	114	114 1/2	115	115 1/2	116	116 1/2	117	117 1/2	118	118 1/2	119	119 1/2	120	120 1/2	121	121 1/2	122	122 1/2	123	123 1/2	124	124 1/2	125	125 1/2	126	126 1/2	127	127 1/2	128	128 1/2	129	129 1/2	130	130 1/2	131	131 1/2	132	132 1/2	133	133 1/2	134	134 1/2	135	135 1/2	136	136 1/2	137	137 1/2	138	138 1/2	139	139 1/2	140	140 1/2	141	141 1/2	142	142 1/2	143	143 1/2	144	144 1/2	145	145 1/2	146	146 1/2	147	147 1/2	148	148 1/2	149	149 1/2	150	150 1/2	151	151 1/2	152	152 1/2	153	153 1/2	154	154 1/2	155	155 1/2	156	156 1/2	157	157 1/2	158	158 1/2	159	159 1/2	160	160 1/2	161	161 1/2	162	162 1/2	163	163 1/2	164	164 1/2	165	165 1/2	166	166 1/2	167	167 1/2	168	168 1/2	169	169 1/2	170	170 1/2	171	171 1/2	172	172 1/2	173	173 1/2	174	174 1/2	175	175 1/2	176	176 1/2	177	177 1/2	178	178 1/2	179	179 1/2	180	180 1/2	181	181 1/2	182	182 1/2	183	183 1/2	184	184 1/2	185	185 1/2	186	186 1/2	187	187 1/2	188	188 1/2	189	189 1/2	190	190 1/2	191	191 1/2	192	192 1/2	193	193 1/2	194	194 1/2	195	195 1/2	196	196 1/2	197	197 1/2	198	198 1/2	199	199 1/2	200	200 1/2	201	201 1/2	202	202 1/2	203	203 1/2	204	204 1/2	205	205 1/2	206	206 1/2	207	207 1/2	208	208 1/2	209	209 1/2	210	210 1/2	211	211 1/2	212	212 1/2	213	213 1/2	214	214 1/2	215	215 1/2	216	216 1/2	217	217 1/2	218	218 1/2	219	219 1/2	220	220 1/2	221	221 1/2	222	222 1/2	223	223 1/2	224	224 1/2	225	225 1/2	226	226 1/2	227	227 1/2	228	228 1/2	229	229 1/2	230	230 1/2	231	231 1/2	232	232 1/2	233	233 1/2	234	234 1/2	235	235 1/2	236	236 1/2	237	237 1/2	238	238 1/2	239	239 1/2	240	240 1/2	241	241 1/2	242	242 1/2	243	243 1/2	244	244 1/2	245	245 1/2	246	246 1/2	247	247 1/2	248	248 1/2	249	249 1/2	250	250 1/2	251	251 1/2	252	252 1/2	253	253 1/2	254	254 1/2	255	255 1/2	256	256 1/2	257	257 1/2	258	258 1/2	259	259 1/2	260	260 1/2	261	261 1/2	262	262 1/2	263	263 1/2	264	264 1/2	265	265 1/2	266	266 1/2	267	267 1/2	268	268 1/2	269	269 1/2	270	270 1/2	271	271 1/2	272	272 1/2	273	273 1/2	274	274 1/2	275	275 1/2	276	276 1/2	277	277 1/2	278	278 1/2	279	279 1/2	280	280 1/2	281	281 1/2	282	282 1/2	283	283 1/2	284	284 1/2	285	285 1/2	286	286 1/2	287	287 1/2	288	288 1/2	289	289 1/2	290	290 1/2	291	291 1/2	292	292 1/2	293	293 1/2	294	294 1/2	295	295 1/2	296	296 1/2	297	297 1/2	298	298 1/2	299	299 1/2	300	300 1/2	301	301 1/2	302	302 1/2	303	303 1/2	304	304 1/2	305	305 1/2	306	306 1/2	307	307 1/2	308	308 1/2	309	309 1/2	310	310 1/2	311	311 1/2	312	312 1/2	313	313 1/2	314	314 1/2	315	315 1/2	316	316 1/2	317	317 1/2	318	318 1/2	319	319 1/2	320	320 1/2	321	321 1/2	322	322 1/2	323	323 1/2	324	324 1/2	325	325 1/2	326	326 1/2	327	327 1/2	328	328 1/2	329	329 1/2	330	330 1/2	331	331 1/2	332	332 1/2	333	333 1/2	334	334 1/2	335	335 1/2	336	336 1/2	337	337 1/2	338	338 1/2	339	339 1/2	340	340 1/2	341	341 1/2	342	342 1/2	343	343 1/2	344	344 1/2	345	345 1/2	346	346 1/2	347	347 1/2	348	348 1/2	349	349 1/2	350	350 1/2	351	351 1/2	352	352 1/2	353	353 1/2	354	354 1/2	355	355 1/2	356	356 1/2	357	357 1/2	358	358 1/2	359	359 1/2	360	360 1/2	361	361 1/2	362	362 1/2	363	363 1/2	364	364 1/2	365	365 1/2	366	366 1/2	367	367 1/2	368	368 1/2	369	369 1/2	370	370 1/2	371	371 1/2	372	372 1/2	373	373 1/2	374	374 1/2	375	375 1/2	376	376 1/2	377	377 1/2	378	378 1/2	379	379 1/2	380	380 1/2	381	381 1/2	382	382 1/2	383	383 1/2	384	384 1/2	385	385 1/2	386	386 1/2	387	387 1/2	388	388 1/2	389	389 1/2	390	390 1/2	391	391 1/2	392	392 1/2	393	393 1/2	394	394 1/2	395	395 1/2	396	396 1/2	397	397 1/2	398	398 1/2	399	399 1/2	400	400 1/2	401	401 1/2	402	402 1/2	403	403 1/2	404	404 1/2	405	405 1/2	406	406 1/2	407	407 1/2	408	408 1/2	409	409 1/2	410	410 1/2	411	411 1/2	412	412 1/2	413	413 1/2	414	414 1/2	415	415 1/2	416	416 1/2	417	417 1/2	418	418 1/2	419	419 1/2	420	420 1/2	421	421 1/2	422	422 1/2	423	423 1/2	424	424 1/2	425	425 1/2	426	426 1/2	427	427 1/2	428	428 1/2	429	429 1/2	430	430 1/2	431	431 1/2	432	432 1/2	433	433 1/2	434	434 1/2	435	435 1/2	436	436 1/2	437	437 1/2	438	438 1/2	439	439 1/2	440	440 1/2	441	441 1/2	442	442 1/2	443	443 1/2	444	444 1/2	445	445 1/2	446	446 1/2	447	447 1/2	448	448 1/2	449	449 1/2	450	450 1/2	451	451 1/2	452	452 1/2	453	453 1/2	454	454 1/2	455	455 1/2	456	456 1/2	457	457 1/2	458	458 1/2	459	459 1/2	460	460 1/2	461	461 1/2	462	462 1/2	463	463 1/2	464	464 1/2	465	465 1/2	466	466 1/2	467	467 1/2	468	468 1/2	469	469 1/2	470	470 1/2	471	471 1/2	472	472 1/2	473	473 1/2	474	474 1/2	475	475 1/2	476	476 1/2	477	477 1/2	478	478 1/2	479	479 1/2	480	480 1/2	481	481 1/2	482	482 1/2	483	483 1/2	484	484 1/2	485	485 1/2	486	486 1/2	487	487 1/2	488	488 1/2	489	489 1/2	490	490 1/2	491	491 1/2	492	492 1/2	493	493 1/2	494	494 1/2	495	495 1/2	496	496 1/2	497	497 1/2	498	498 1/2	499	499 1/2	500	500 1/2	501	501 1/2	502	502 1/2	503	503 1/2	504	504 1/2	505	505 1/2	506	506 1/2	507	507 1/2	508	508 1/2	509	509 1/2	510	510 1/2	511	511 1/2	512	512 1/2	513	513 1/2	514	514 1/2	515	515 1/2	516	516 1/2	517	517 1/2	518	518 1/2	519	519 1/2	520	520 1/2	521	521 1/2	522	522 1/2	523	523 1/2	524	524 1/2	525	525 1/2	526	526 1/2	527	527 1/2	528	528 1/2	529	529 1/2	530	530 1/2	531	531 1/2	532	532 1/2	533	533 1/2	534	534 1/2	535	535 1/2	536	536 1/2	537	537 1/2	538	538 1/2	539	539 1/2	540	540 1/2	541	541 1/2	542	542 1/2	543	543 1/2	544	544 1/2	545	545 1/2	546	546 1/2	547	547 1/2	548	548 1/2	549	549 1/2	550	550 1/2	551	551 1/2	552	552 1/2	553	553 1/2	554	554 1/2	555	555 1/2	556	556 1/2	557	557 1/2	558	558 1/2	559	559 1/2	560	560 1/2	561	561 1/2	562	562 1/2	563	563 1/2	564	564 1/2	565	565 1/2	566	566 1/2	567	567 1/2	568	568 1/2	569	569 1/2	570	570 1/2	571	571 1/2	572	572 1/2	573	573 1/2	574	574 1/2	575	575 1/2	576	576 1/2	577	577 1/2	578	578 1/2	579	579 1/2	580	580 1/2	581	581 1/2	582	582 1/2	583	583 1/2	584	584 1/2	585	585 1/2	586	586 1/2	587	587 1/2	588	588 1/2	589	589 1/2	590	590 1/2	591	591 1/2	592	592 1/2	593	593 1/2	594	594 1/2	595	595 1/2	596	596 1/2	597	597 1/2	598	598 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Combination Screen and Storm Doors



SPECIAL
SIZES
AND
DESIGNS
QUOTED
ON
APPLICA-
TION

We are in a position to furnish our "Leader" door in any size. Special sizes and designs quoted upon application.

OUR "LEADER" COMBINATION SCREEN AND STORM DOOR, No. 10J1753. Painted Black, Stiles $1\frac{1}{8} \times 3\frac{3}{4}$, Storm Section Glazed four (4) lights Single Strength Glass, Screen Section covered with twelve (12) mesh Black Wire.

BUY one and save time, money and labor. An opportunity to procure two doors at the cost of one. Our Combination Screen and Storm Doors are of the very latest construction, and are guaranteed to be equal to the best on the market today. They are equipped with improved metal fasteners, which make changing from Screen Door to Storm Door very simple. There are no screws, bolts or nails to bother with. By the old method, two hours' work or more is required to take a door off its hinges and put on another in place. Our Combination Doors have reduced this time of operation to a few minutes, and it is so simple that a child can make the change.

Our "Leader" door represents the best value obtainable in the way of combination screen and storm door, and is only carried in stock painted black. The Presto Change Doors are furnished not finished, also finished in oil and varnish. We use nothing but White Pine in the manufacture of our combination doors.

Our "LEADER" Combination Screen and Storm Door

A good substantial door, made from our surplus stock of White Pine Lumber used in the manufacture of our high-grade Doors, which will not pass our critical inspection for oil finish, but which is very satisfactory for Paint. These doors are made with stiles $1\frac{1}{8} \times 3\frac{3}{4}$. The opening for the storm and screen sections is $43\frac{3}{8}$ inches high in all doors. The storm section is divided into four (4) lights, and is glazed with Single Strength Glass, while the Screen Section is covered with 12 mesh Black Wire. We carry these doors in stock Painted Black ONLY.

PRICES

Regular Door Size, Ft. In. Ft. In.	Our "Leader" Door Size, Ft. In. Ft. In.	Prices, Ea., Ptd. Black. 10J1753.
2-6 x6-6	2-6 $\frac{1}{4}$ x6-7	\$3.50
2-8 x6-8	2-8 $\frac{1}{4}$ x6-9	3.65
2-8 x7-0	2-8 $\frac{1}{4}$ x7-1	3.80
2-10x6-10	2-10 $\frac{1}{4}$ x6-11	3.85
2-10x7-0	2-10 $\frac{1}{4}$ x7-1	3.90
3-0 x7-0	3-0 $\frac{1}{4}$ x7-1	4.10

Our "Presto-Change" Improved Wonder Door

Two High Grade Doors for the Price of One

PRESTO-CHANGE Doors are made of Clear White Pine, being $1\frac{1}{8}$ inches in thickness. All joints are mortised and tenoned. Steel Dowels prevent sagging. The sections are made as strong as the door itself, with mortised and tenoned joints, glued and pinned. Each door is furnished with two removable sections of the same size; one being the storm section, and the other the screen section. The storm section can be furnished in two different designs as illustrated—"A" and "AA" and the screen section in one style. The opening for the removable panels is 4 feet 8 $\frac{1}{2}$ inches high in all doors. The removable sections and openings in door are both rabbeted so that when section is in place there is a double lap joint which, together with improved fasteners, makes the door dust-proof and weather-proof.

These doors are made up and carried in stock for the following standard door sizes. Mention size when ordering.

Each door includes Glass Storm Section and Galvanized Wire Screen Section.

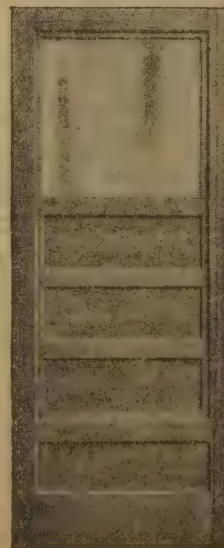
PRICES

Regular Door Size Ft. In. Ft. In.	"Presto-Change" Door Size Ft. In. Ft. In.	10M1750 With Storm Section "A" Clear W. Pine Not Varnished	10M1751 With Storm Section "AA" Clear W. Pine Not Varnished	10M1752 With Storm Section "A" Painted two Coats of Gray
2' 8" x 6' 8"	2' 8 $\frac{3}{4}$ " x 6' 9"	\$4.58	\$4.92	\$3.98
2' 8" x 7' 0"	2' 8 $\frac{3}{4}$ " x 7' 1"	4.60	4.95	4.08
2' 10" x 6' 10"	2' 10 $\frac{3}{4}$ " x 6' 11"	4.62	4.97	4.10
2' 10" x 7' 0"	2' 10 $\frac{3}{4}$ " x 7' 1"	4.65	5.00	4.13
3' 0" x 7' 0"	3' 0 $\frac{3}{4}$ " x 7' 1"	4.70	5.05	4.20

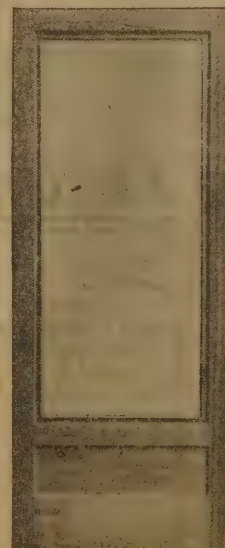
If 10M1750 and 10M1751 are wanted finished natural, 2 coats exterior varnish add 40c net per door extra.

These prices are f. o. b. cars Chicago or Wisconsin factory. Doors will be packed and crated with screen section in place and storm section separate.

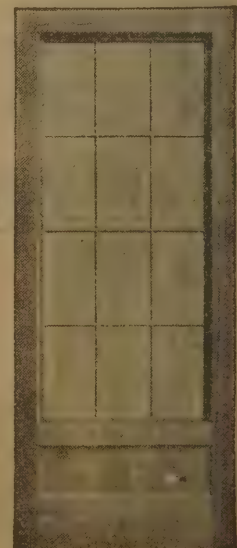
We make combination screen and storm doors in any size and design, and if our designs do not meet with your approval, send us a cut or description of what you want, and we will name you a price that will mean a saving to you.



"Presto-Change" With Storm Section "A" in Place
No. 10M1750



"Presto-Change" With Screen Section in Place



"Presto-Change" With Storm Section "AA" in Place
No. 10M1751

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A

Acorn Ends..... 63
Adjustable Railing Fittings.....166
Air Valves.....164
Altitude Gauges.....164
Anchors, Joist.....185
Androns.....86
Angles, Base.....53
Angles, Steel.....186
Apron, Craftsman Window.....56
Apron, Fir Window.....57
Apron, Window.....55
Asbestos Air Cell Pipe Covering.....164
Asbestos Cement.....164
Ash Pit Doors.....37
Astragals.....53
Auger Bits.....115, 185
Auto Finish.....149
Automobile Cylinder Oil.....152
Axes.....111
Axle Grease.....152

B

Balance Post Machines.....123
Balls, Electric CRI.....172, 174
Balusters, Porch.....67
Balusters, Stair.....67
Bathroom Stook.....64
Band Mouldings.....64
Barbed Wire.....182
Bar Iron, Round.....186
Barn Door Hangers.....100
Barn Door Tracks.....100
Barn Paint.....144, 145
Barrel Bolts.....102
Bars, Twisted.....185
Base Boards.....54
Base, Craftsman 3-Member.....56
Base, Fir 3-Member.....57
Base Moulding.....54
Base Shoe.....15, 54
Bathroom Outfit.....145
Bath Tub Enamel.....150
Bath Tubs.....168
Batteries.....146
Beads, Corner.....53
Beads, Return.....54
Beams, Ceiling.....52
Beams, Girder Rail.....185
Bed Moulding.....14, 64
Bells.....124
Bench Planes.....113
Bins, Flour.....45
Bits, Auger.....120, 124
Bits, Expansion.....116
Black Covering.....151
Blades, Hack Saw.....110
Blinds, Outside.....43
Blocks, Base.....53
Blocks, Corner.....53
Blocks, Craftsman Base.....56
Blocks, Fir Base.....57
Blocks, Head.....53
Boller, Cast Iron.....162
Brace Bit.....120
Brace Ratchets.....120
Brackets, Fancy Face.....66
Brackets, Gable.....66
Brackets, Porch.....66
Brads, Steel Wire.....129
Brass Cocks.....166
Brass Fireplace Screens.....86
Brass Valves.....166
Brick Moulding.....14, 64
Bridges, Steel.....183
Bridging.....12

Brushes, All Kinds.....153, 154
Brushes, Flat Paint.....153
Brushes, Floor, Waxing and Polishing.....154
Brushes, Glue.....146
Brushes, Kalsomine.....154
Brushes, Paper Hangers' Paste.....154
Brushes, Plasterers' Finishing.....154
Brushes, Roof.....130
Brushes, Round Paint.....154
Brushes, Steel Wire.....154
Brushes, Varnish.....153
Brushes, Wall.....153
Brushes, Wall Stipping.....154
Brushes, Whitewash.....154
Bubbling Fountains.....160
Buck Saws.....169
Buckets.....79
Buggy Finish.....149
Builders' Hardware.....108, 114
Building Paper.....130
Buildings, Steel.....187
Buildings, Steel Grain.....186
Butts.....101

C

Cabinet, Combination.....82
Cabinet Locks.....110
Cabinets, Medicine.....82
Candles and Bobaches.....172
Cant Hooks.....114
Caps, Composition.....65
Carpet Tacks.....129
Carriers, Hay.....105, 106
Cars, Dump.....186
Car Trucks.....186
Car Wheels.....186
Cases, Book.....81
Cases, Drawer.....45
Casing.....54
Casing, Craftsman.....56
Casing, Door and Window.....15
Casing, Fir.....57
Casing Nails, Wire.....129
Casing, Outside.....64
Cast Iron Boiler.....162
Cast Iron Columns.....184
Cast Iron Fittings.....165
Cast Iron Floor Flanges.....166
Cast Iron Hook Plates.....166
Castors.....103
Cast Washers.....185
Cattle Stanchions.....105
Ceiling, Beaded.....90
Ceiling Flanges, Nickel Plated.....164
Ceiling, Steel.....97, 101
Cement, Asbestos.....164
Cement Block Machines.....128
Cement Coating.....147
Cement Floor Coating.....147
Cement, Graphite Pipe Joint.....184
Cement Post Machines.....131
Cement, Roof, Graphite.....146
Chairs, Office.....190
Chair Rail.....65
Chicken Troughs.....181
Chisels.....122
Church Bells.....124
Church and School Seat Varnish.....151
Chutes, Coal.....185
Circular Saws.....107
Circulator, Mercury Heat.....164



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Cleaner, Wall Paper.....150
Closet, Frost-proof.....160
Closet Outfit.....149
Closets, China.....80
Coach Japan.....151
Coach Varnish.....151
Coal Chutes, Automatic.....185
Coal Hole Covers.....185
Coat Hooks.....103
Coating, Cement.....147
Coating, Cement Floor.....147
Cocks, Brass.....186
Coils.....168
Cold Water Paint, White.....152
Colonial Electric Globes.....172, 173, 175
Colonial Globes, Gas.....171, 172
Colonnades.....75, 76, 77, 78
Columns, Cast Iron.....184
Columns, Colonial Porch.....65
Columns, Interior.....75
Columns, Square Porch.....68

Combination Gas and Electric Fixtures.....172, 173
Common Wire Nails.....129
Consoles.....81
Console, Combination.....82
Cord Wood Saws.....107
Corrugated Curved Sheets.....186
Countersink Bits.....116
Cove Moulding.....14, 15, 55, 64
Covering, Asbestos Air Cell Pipe.....164
Covering, Moulded Asbestos Pipe.....164
Covering, Wool Felt Pipe.....164
Crack & Crevice Filler.....151
Craftsman Interior Trim.....56
Cream Separator Oils.....152
Cross Cut Saws.....109
Crown Moulding.....14, 64
Cupboard Catches.....92
Cupboards, Pantry.....152
Cup Grease.....152
Cut Glass Electric Globes.....174, 175

Cut Off Saws.....107
Cut Tacks.....129

D

Dampers, Chimney Flue.....83
Desks, Office.....190
Dining Room Domes.....170
Dipping Tanks.....179
"Direct To You" Lumber Price List.....3, 9
Domes.....170
Domes for Acetylene Gas.....170
Domes for Artificial Gas.....170
Domes for Combination Gas and Electric.....170
Domes for Natural Gas.....170
Door Fasteners.....102
Door Hinges.....101
Door Knobs.....101
Door Locks.....108
Doors, Ash Pit.....185
Doors, Birch Bungalow.....23
Doors, China Closet.....46
Doors, Church.....46
Doors, Cupboard.....45
Doors, Factory and Warehouse.....38
Doors, Fir Bungalow.....23
Doors, Fir Front.....24
Doors, Fir Panel.....25
Doors, French.....44
Doors, Garage.....38
Doors, Grained Panel.....33
Doors, Grained Sash.....32
Doors, Hard wood Flush.....17
Doors, Hard wood Front.....19, 20, 21
Doors, Hard wood Panel.....22
Doors, Mirror.....35
Doors, Mission Hardwood.....18
Doors, Painted Panel.....33
Doors, Painted Sash.....32
Doors, Sidewalk.....185
Doors, Screen.....72, 189
Doors, Sliding.....24
Doors, Soft Pine Front.....26, 27, 28, 29
Doors, Soft Pine Panel.....31
Doors, Store.....51
Doors, Yellow Pine Panel.....30
Drainage Fittings.....165
Drawers, Separate.....165
Drawing Knives.....114
Drip Cap.....64
Drop Siding.....90
Dump Cars.....186

E

Eave Trough and Fittings.....183, 189
Elbows, Hot Water.....184
Electric Brackets.....175
Electric CRI Balls.....172, 174
Electric Domes.....170
Electric Fixtures.....174, 175, 176
Electric Floor Lamp.....176
Electric Globes.....172, 173, 174, 175

Electric Piano Lamp.....176
Electric Reflectors.....175
Electric Showers.....173, 175, 176
Electrical Supplies.....154
Enamel, Bath Tub.....150
Enamel, High Gloss.....150
Enamel, Stove Pipe.....150
Enamel, Wire Screen.....150
Entrances, Front.....36
Expansion Bits.....116
Expansion Tanks, Galvanized Steel.....164
Express Rates.....2
Extension Ladders.....152
Extra Coach Varnish.....151

F

Fabricated Steel.....183
Factory Fixtures.....160
Factory Sinks.....160
Farm Bells.....124
Farm Gates.....182
Farm or Long Ladders.....152
Fence, Field.....182
Fence, Hog.....182
Fence Posts.....182
Field Fence.....182
Files, Letter.....190
Filler, Wood.....151
Filler, Stair.....67
Finish, Auto.....149
Finish, Buggy.....149
Finish, Linoleum and Floor Oil Cloth.....151
Finished Lumber.....91
Fireplace Fixtures.....36, 37, 38
Fireplace Screens.....86
Fir Interior Trim.....57
Fittings, Cast Iron.....152
Fittings, Drainage.....186
Fixtures, Factory.....160
Fixtures.....156
Fittings, Malleable.....165
Flanges, Ceiling, Nickel Plated.....164
Flanges, Nickel Plated Mirror.....164
Flat Paint Brushes.....153
Flat Wall Paint.....147
Floor Flanges, Cast Iron.....166
Floor Flanges, Nickel Plated.....164
Flooring.....91
Flooring, Hardwood.....92
Flooring Nails, Wire.....129
Floor Oil.....151
Floor Paint.....142
Floor Scrapers.....96
Floor Varnish.....151
Floor Wax.....160
Floor Waxing and Polishing Brush.....154
Folding Fireplace Screens.....86
Force Pumps.....128, 127
Forks, Ratchet.....106, 128
Fountains, Bubbling.....160
Frames, B Grade Door.....63
Frames, B Grade Window.....63
Frames, Church Entrance.....45
Frames, Door.....62
Frames, Front Entrance.....36
Frames, Gothic and Half Circle Window.....46
Frames, Sash.....81
Frames, Transom Head.....61
Frames, Window.....60, 61
Fragrant Rates.....2
Frost-proof Closets.....160
Furnace, Warm Air.....161
Furniture, Household.....173
Furniture Varnish.....151

G

Galvanized Fence Posts.	182
Galvanized Hog Troughs.	181
Garages.	96, 187
Gas and Electric Globes.	170, 175
Gas Domes.	170
Gas Fixtures.	170, 171
Gas Globes.	171
Gas Logs.	88
Gas Log Stands.	88
Gasoline Engine Cylinder	
Oil.	152
Gates, Farm.	182
Gates, Iron Lawn Fence.	182
Gauges, Altitude.	164
Girders, Rail Beams.	185
Girders, Steel.	184
Glass, Art, for Church	
Windows.	47
Glass, Fancy.	49
Glass, Hot Bed.	89
Glass, Leaded.	48
Glass, Prism.	49
Glass, Ribbed.	49
Glass, Wire.	49
Globes, Electric and Gas	
.....	171, 172, 173, 174
Gloss Oil.	151
Glues.	146
Glue Brushes.	146
Glue Pots.	146
Gooseneck Hydrants.	166
Grades.	90
Graining Outfit, Com-	
plete.	150
Graphite Pipe Joint Ce-	
ment.	164
Grates, Basket.	88
Grates, Fireplace.	87
Grates, Gas Fireplace.	88
Grease, Axle.	152
Grease Cup.	152
Greenhouse Lumber.	89
Grilles.	74, 78
Guards, Spark.	83

H

Hack Saws.	110
Hack Saw Blades.	110
Hammers.	111
Hand Saws.	108
Hangers, Joist.	185
Hangers, Pipe.	164
Hard Oil Finish.	151
Hatchets.	119
Hay Carriers.	115
Heater, Tank.	163
High Gloss Enamel.	150
Hiss Gloss Lacquer.	150
Hinges.	111
Hinges, Door.	101
Hog and Field Fence.	132
Hog Troughs.	131
Hood Plates, Cast Iron.	106
Hooks.	106
Hook Strips.	55
Hot Water Elbows.	164
Hot Water Radiators.	163
Hot Water Thermom-	
eters.	164
House Paint.	144
How to Figure Paint.	143
Hydrants, Gooseneck.	166

I

Ice Saws.	109
Insulators.	167
Interior Spar Varnish.	151
Introductory.	1, 2, 3, 4, 5
Introductory Millwork.	16
Iron, Perforated Strap.	164
Iron Planes.	113
Iron, Square.	136

J

Jambs, Inside.	34
Joist Hangers.	185

K

Kalsomine Brushes.	154
Kalsomine, Satin Kote.	149
Kitchen Cabinet.	178
Knives, Drawing.	114
Knives, Putty.	152

L

Lacquer, High Gloss.	150
Ladders, All Kinds.	152
Lamp Cords.	169
Lamps, Tungsten.	169
Lath, Byrket's Patent.	92
Lath Nails.	129
Lath, Plastering.	92
Lattice.	14, 64
Laundry Stove.	163
Lavatories.	147
Lawn Fence Gates, Iron.	182
Lead, Red, for Pipe	
Joints.	164
Lead, White.	146
Levels.	119
Linoleum and Floor Oil	
Cloth Finish.	151
Lintels, Steel.	184
Locks.	97, 98, 101
Locks, Pad.	104
Locks, Sash.	102
Louvres.	46

M

Machines, Cement Block	
.....	120, 121, 122
Machines, Cement Post.	123
Mail Boxes.	104
Mainsill.	64
Malleable Fittings.	165
Mantels.	83, 84, 85
Mercury Heat Circulator.	164
Mineral Asphalt Paint.	146
Mirror Door Outfits.	35
Miter Boxes.	118
Miter Squares.	119
Mixed Wire Nails.	129
Mortise Locks.	97, 99, 101
Moulded Asbestos Pipe	
Covering.	164
Moulding, Back Band.	54
Moulding, Embossed.	53
Moulding Hooks.	103

N

Nails, All Kinds.	136
Newels, Porch.	66
Newels, Stair.	67
Nosing.	64
Nosing, Stair.	68
Novelty Siding.	90

O

Office Furniture.	190
Oil, Automobile Cylin-	
der.	152
Oil, Cream Separator.	152
Oil, Floor.	151
Oil, Gasoline Engine Cyl-	
inder.	152
Oil, Gloss.	151
Oil, Rubbing.	150
Oil Shellac.	151
Oil Stains.	150
Oil Tanks.	179
Orange Shellac.	151
Outfit, Bathroom.	155
Outfits, Closet.	159
Outfit, Paper Hangers.	153
Outside Spar Varnish.	151

P

Pad Locks.	103
Paint.	138
Paint, Barn.	144, 145
Paint, Cold Water White.	152
Paint, Flat Wall.	147
Paint, Floor.	148
Paint, House.	144
Paint, Mineral Asphalt.	146
Paint, Porch Floor.	148
Paint, Protecto Asphalt.	146
Paint, How to Figure.	143
Painters' Time Saver.	154
Panel Mouldings.	64
Panels.	52
Paper, Building.	137
Paper Hangers' Outfit.	153
Paper Hangers' Paste	
Brush.	154
Parlor Door Tracks.	104
Partition.	90
Perforated Strap Iron.	164
Picks.	128
Picture Moulding.	55, 56, 57
Pipe.	135
Pipe Covering, Asbestos.	164
Pipe Covering, Wool Felt.	164
Pipe Hangers.	164
Pipe, Smoke.	164
Planes.	121
Planes, Wood.	121
Plans.	6
Plasterers' Finishing	
Brush.	154
Plate Rail.	52
Plate Rail, Combination.	52
Plumb and Levels.	119
Post, Galvanized Fence.	182
Post Hole Augers.	128
Post Machines.	123
Post, Porch.	66
Post, Steel Tubular	
Fence.	182
Pots, Glue.	146
Poultry Fountains.	179
Powder, Radiator Bronze	
.....	150, 164
Premier T, Japan.	151
Preserver, Wood.	152
Pulley Stile.	64
Pump Outfits.	127
Pumps.	132
Pumps, Spray.	127
Push Cords.	99
Push Plates.	98
Putty.	152
Putty Knives.	152

Q

Quarter Round.	55, 64
----------------	--------

R

Radiator Bronze Mixing	
Liquid and Brush.	150
Radiator Bronze Powder	
.....	150, 164
Radiators, Hot Water.	183
Radiators, Steam.	163
Radiator Valves.	164
Rafter Ends.	66
Railing Fittings.	166
Rail, Porch.	66
Rail, Round.	68
Rail, Stair.	67
Rail, "T".	136
Ratchet Braces.	112
Red Lead for Pipe Joints.	164
Risers, Stair.	68
Rods, Truss.	185
Roof Cement.	137
Roofing, Metal.	101, 107
Roofing, Prepared.	98, 105
Roofing, Special Snaps.	140
Roof Paint.	137
Round Bar Iron.	186
Round Paint Brushes.	154
Rubbing Oil.	150

S

Safe, Office.	190
Sash, Attic.	43
Sash, Barn.	43
Sash Bars.	89
Sash, Cellar.	43
Sash, Hot Bed.	89
Sash Lifts.	102
Sash Locks.	102
Sash, Stall.	43
Sash Tools.	153
Sash, Transom.	43
Saws.	117
Saws, Buck.	109
Saws, Cord Wood.	117
Saws, Cross Cut.	117
Saws, Cut Off.	107
Saws, Hack.	117
Saws, Hand.	117
Saws, Ice.	117
Saw Vises.	110
Saw Wedges.	111
School Bells.	124
Scoop, Grain.	128
Screen Doors.	72, 189
Screen Door Sets.	102
Screen Hardware.	71
Screen Mouldings.	64
Screens, Window.	70, 71
Screw Drivers.	116
Screw Hooks.	103
Screws, Mixed Wood.	129
Shades, Window.	177
Sheets, Corrugated	
Curved.	186
Shellac.	151
Shellac, Oil.	151
Shingles.	92
Shingle Stain.	141
Shoe, Stair.	67
Shovels.	128
Shovels, Snow.	128
Sideboards.	79, 80
Side Lights.	137
Side Walk Doors.	185
Sidewalk Lights.	185
Siding, Beveled.	90
Siding, Drop.	90
Siding, Steel.	103
Silo Block Machines.	
.....	120, 121, 122
Sinks.	148
Sinks, Factory.	148
Sink Trimmings.	53
Slings, Wagon.	106
Smoke Bells.	170
Smoke Pipe.	164
Spades.	128
Spandril, Porch.	66
Spark Colls.	168
Spindles, Porch.	66
Spoke Shaves.	114
Sponges, Painters' and	
Janitors'.	150
Spray Pumps.	127
Square Iron.	186
Squares, Steel.	127
Stains, Oil.	150
Stain, Shingle.	147
Stain, Varnish.	150
Stairways.	68, 69
Stanchions, Cattle.	105
Steam Radiators.	163
Steel Angles.	186
Steel Bridges.	183
Steel Buildings.	187
Steel, Fabricated.	183
Steel Garages.	187
Steel Girders.	184
Steel Grain Building.	186
Steel Lintels.	184
Steel Shapes.	184
Steel Squares.	119
Steel Tanks.	179
Steel Trusses.	159, 161
Steel Tubular Columns	
.....	159, 161
Steel Tubular Fence	
Posts.	159, 161
Steel Wire Brads.	129
Steel Works, Structural	
.....	159 to 161
Step Ladders.	152
Stool, Window.	155, 56, 57
Stops, Blind.	64
Stops, Door & Window	
.....	55, 56, 57, 64
Stops, O. G.	64
Stops, Furring.	174
Storage Tanks.	174
Store Fronts, Steel.	51
Store Fronts, Wood.	50
Storm Doors.	162
Storm Sash.	73
Storm Sash Hangers &	
Fasteners.	73
Stove, Laundry.	163
Stove Pipe Enamel.	150
Structural Steel Work	
.....	183 to 187
Subsill.	64
Switches.	169

T

Tacks, Carpet.	129
Tanks.	179
Tanks, Galv. Steel Ex-	
pansion.	164
Tank Heater.	163
Tank Towers.	180
Terms.	3, 4, 9
Testimonials.	6, 7
Thermometers, Hot Wa-	
ter.	16
Thresholds.	53
Tile, Glazed Art.	86
Tools, Sash.	153
Tools, Sets, Etc.	125
Towers.	180
Track, Barn Door.	100
Tracks, Parlor.	104
T-Rail.	186
Transoms.	37
Traps, Ash Pit.	83
Treads, Stair.	68
Trim, Cap.	55, 56, 57
Trim, Door.	53
Trim, Window.	59
Troughs.	181
Trucks, Car.	186
Trusses, Steel.	183
Truss Rods.	185
Tubs, Bath.	156
Tubular Columns, Steel.	184
Twisted Bars.	185

V

Valves, Air.	164
Valves, Brass.	166
Valves, Radiator.	164
Varnish Brushes.	143
Varnishes.	143
Varnish Stain.	150
Vises, Saw.	110

W

Wagon Implement Var-	
nish.	151
Wagon Slings.	106
Wainscoting Cap.	55
Wainscoting Open.	52
Wallboard, Atlanta.	93
Wallboard, Cellite.	95
Wallboard, Eureka.	94
Wallboard, Imitation	
Wood Finish.	96
Wall Brushes.	153
Wall Paper Cleaner.	150
Wall Stipping Brush.	154
Warm Air Furnace.	151
Washers, Cast.	185
Water Table.	14
Wax, Floor.	150
Wedges, Saw.	111
Wheels, Car.	186
White Damar Varnish.	151
White Lead.	146
White Shellac.	151
Whitewash Brushes.	154
Wind Mills.	180
Windows, Check Rail.	41
Windows, Church.	46
Windows, Cottage.	39, 40
Windows, French.	44
Windows, Plain Rail.	41
Windows, Queen Anne or	
Colonial.	42
Window Shades.	158
Wire, Barbed.	182
Wire Brush, Steel.	154
Wire Fencing Nails.	129
Wire Screen Enamel.	150
Wood Filler.	151
Wood Planes.	113
Wood Preserver.	152
Wood Screws, Mixed.	129
Wool Felt Pipe Cover-	
ing.	164
Woven Wire Fencing.	182

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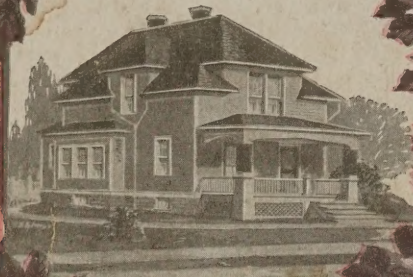
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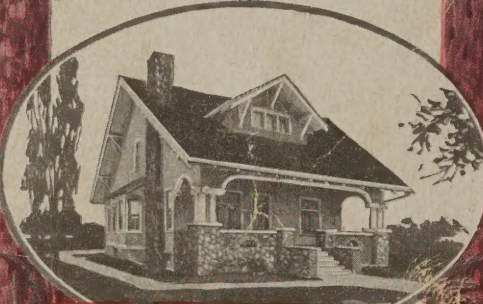
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